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TITLE: CASING AND LINER DRILLING BITS, CUTTING
ELEMENTS THEREFOR, AND METHODS OF USE

Inventor: Oldham et. Al.

Serial No.: 10/783,720

Docket No.: 1684-6036US

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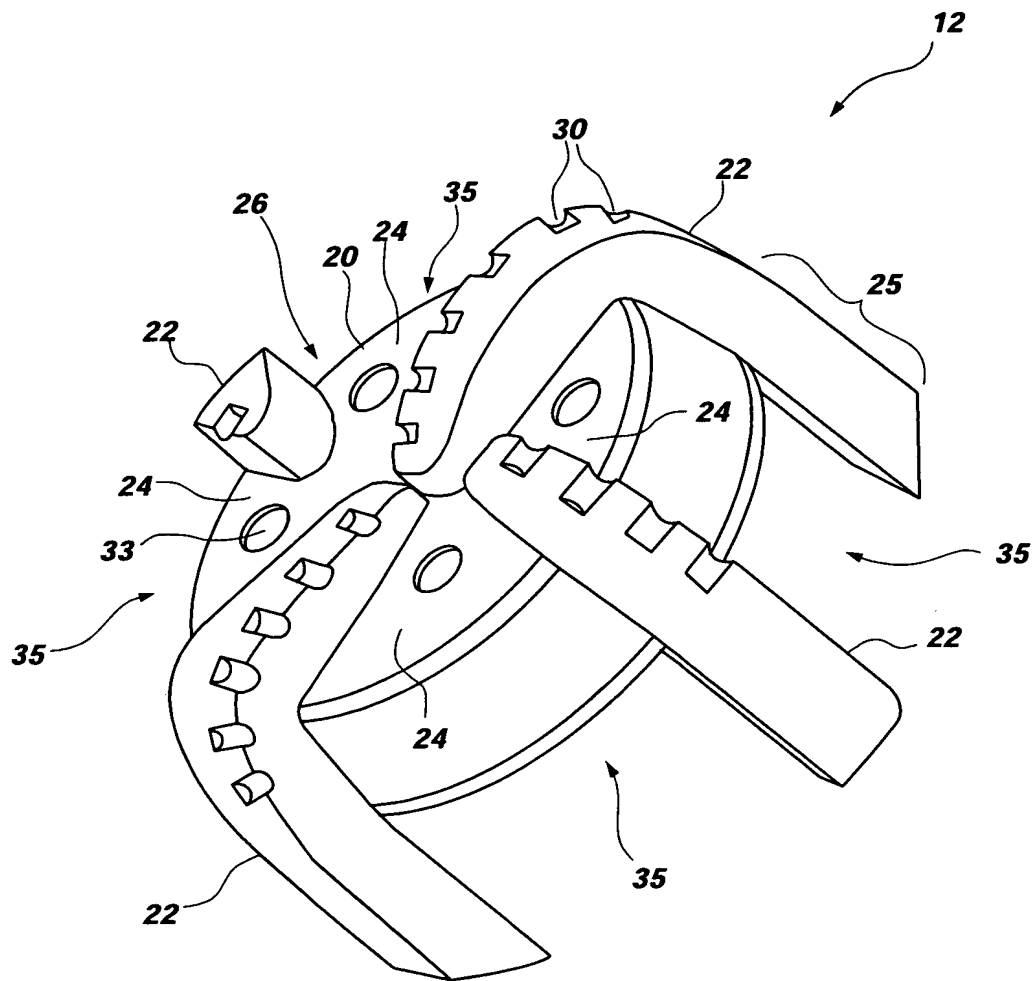


FIG. 1A

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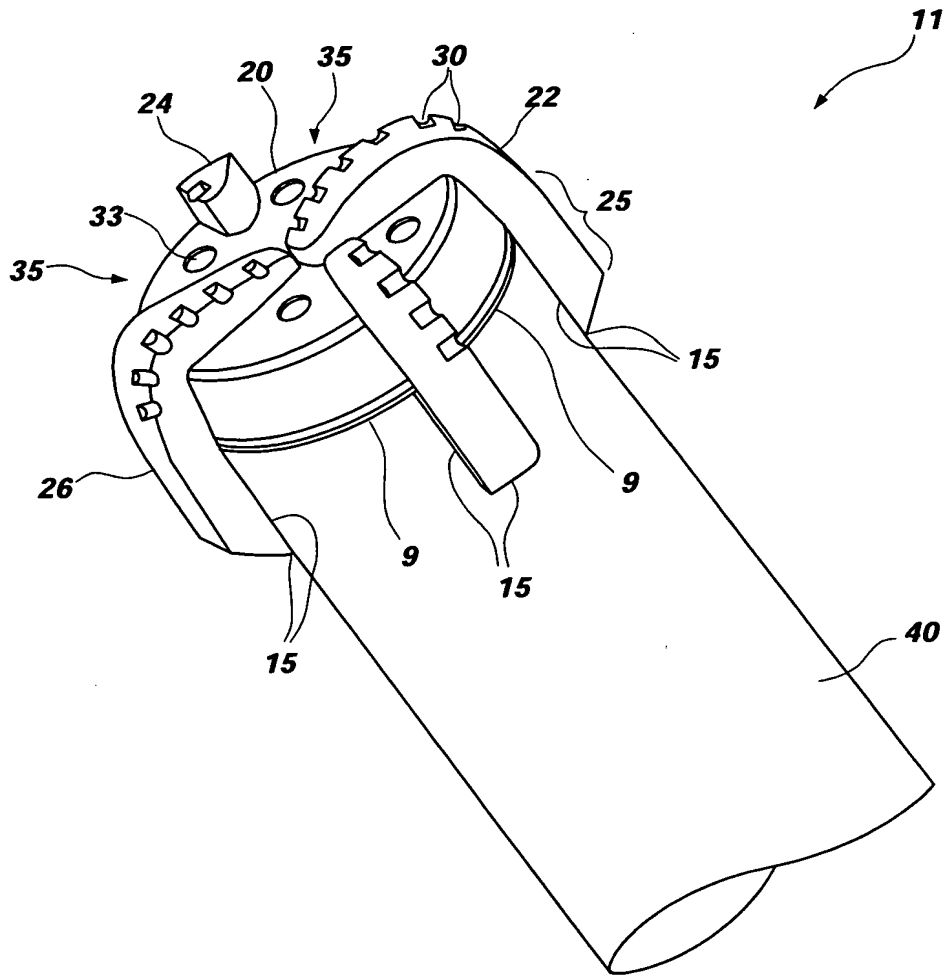


FIG. 1C



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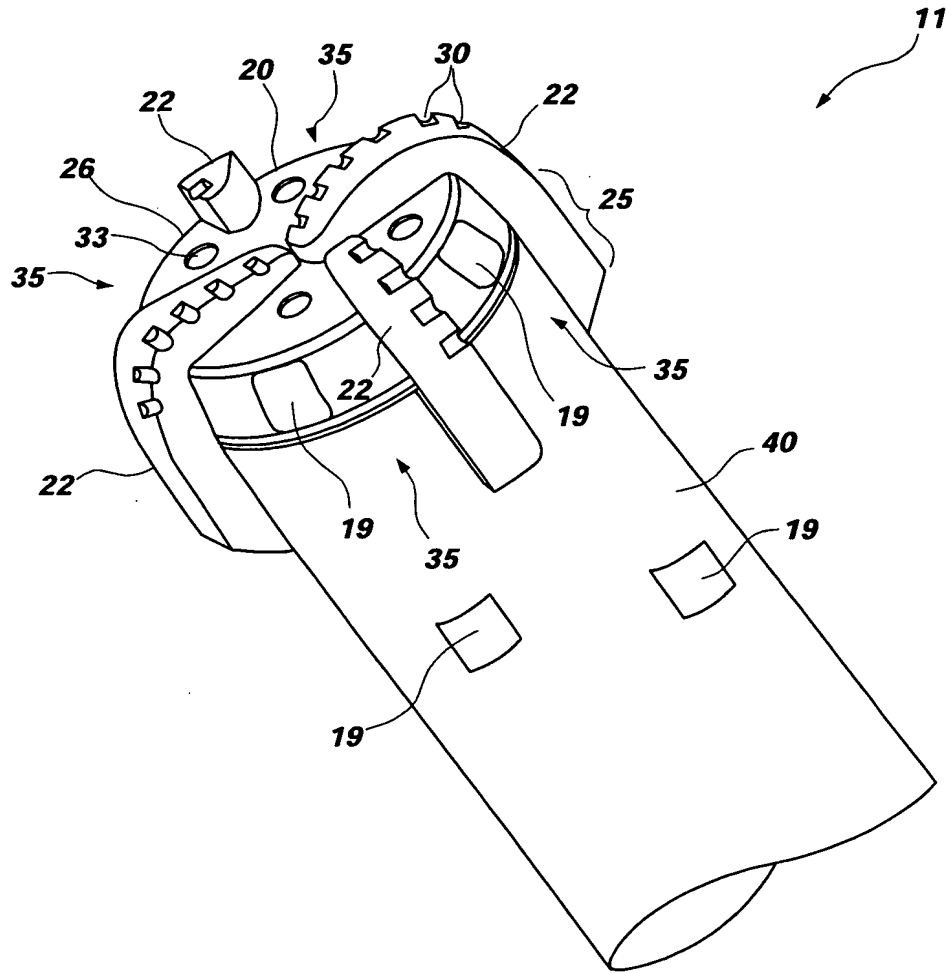


FIG. 1E



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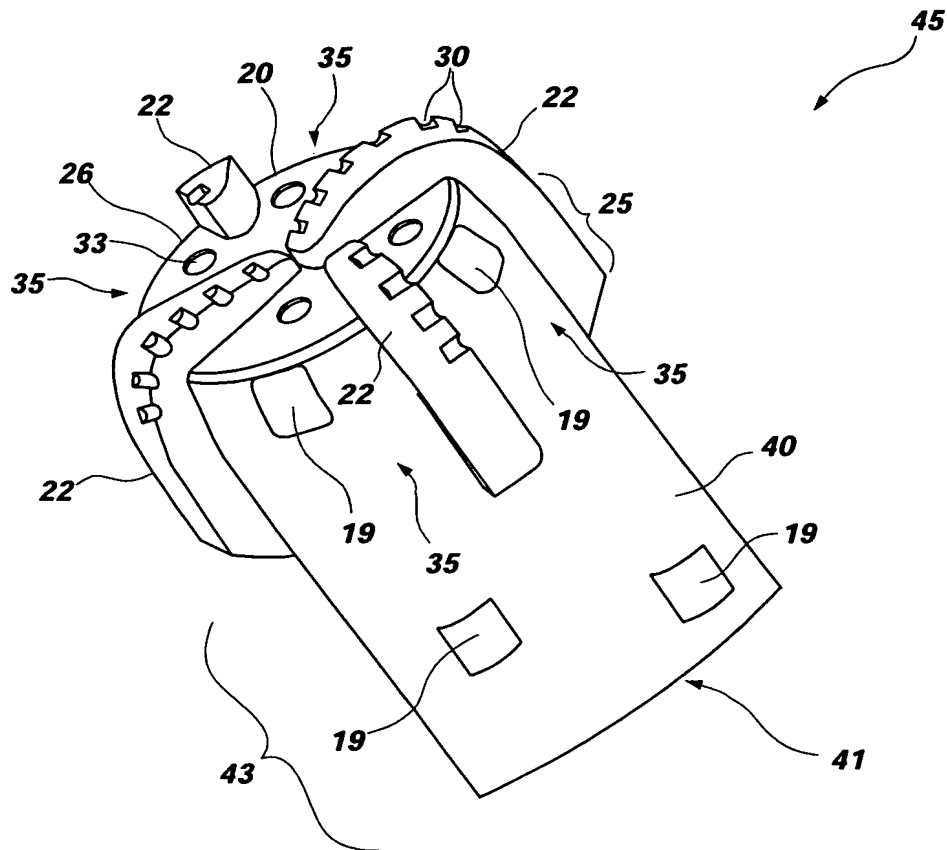


FIG. 1F

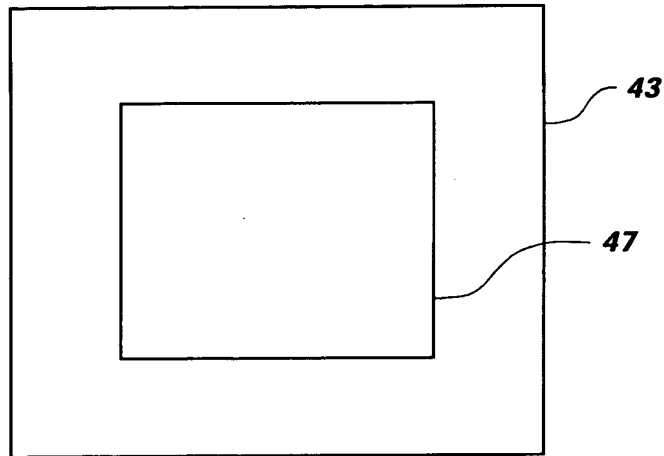


FIG. 1G

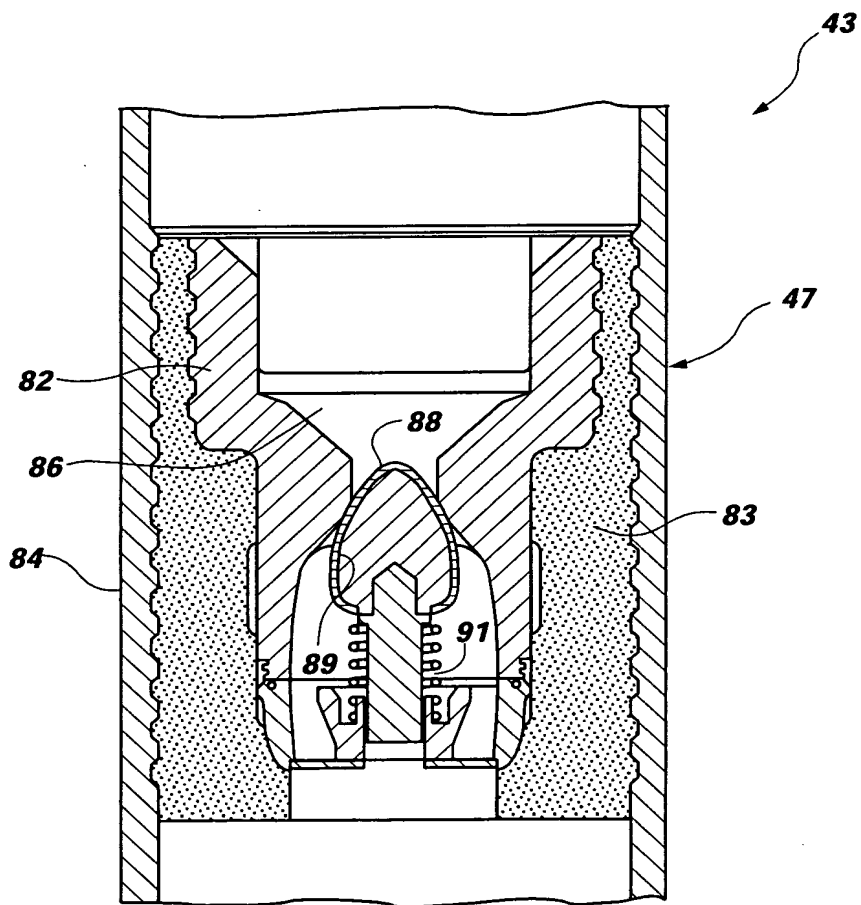


FIG. 1H



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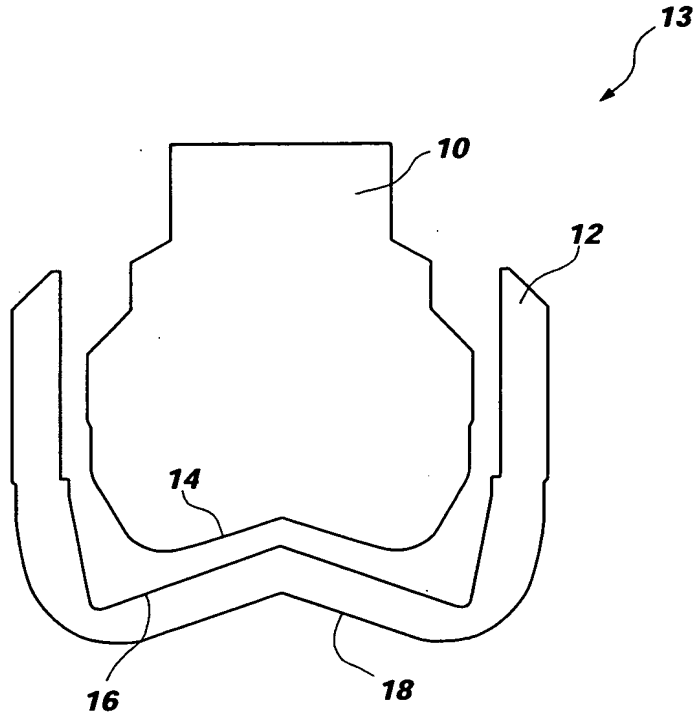


FIG. 2A

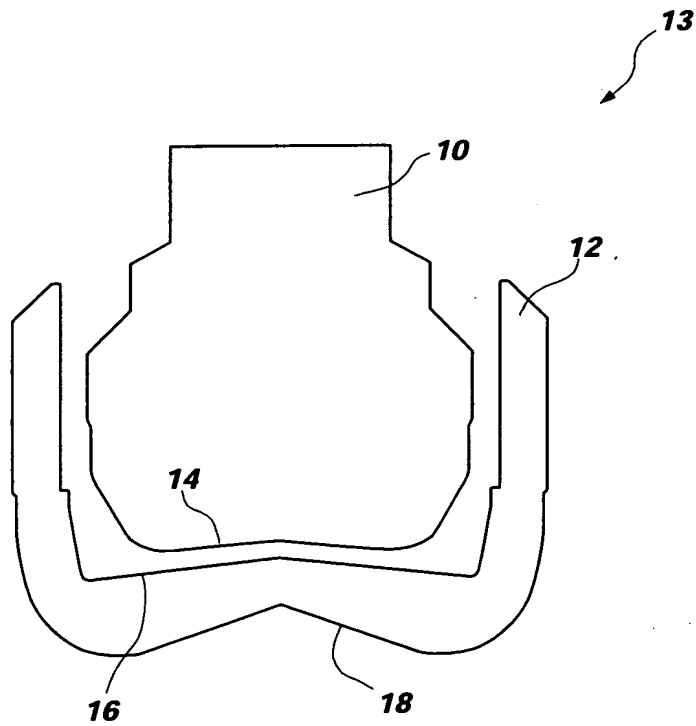


FIG. 2B

TITLE: CASING AND LINER DRILLING BITS, CUTTING
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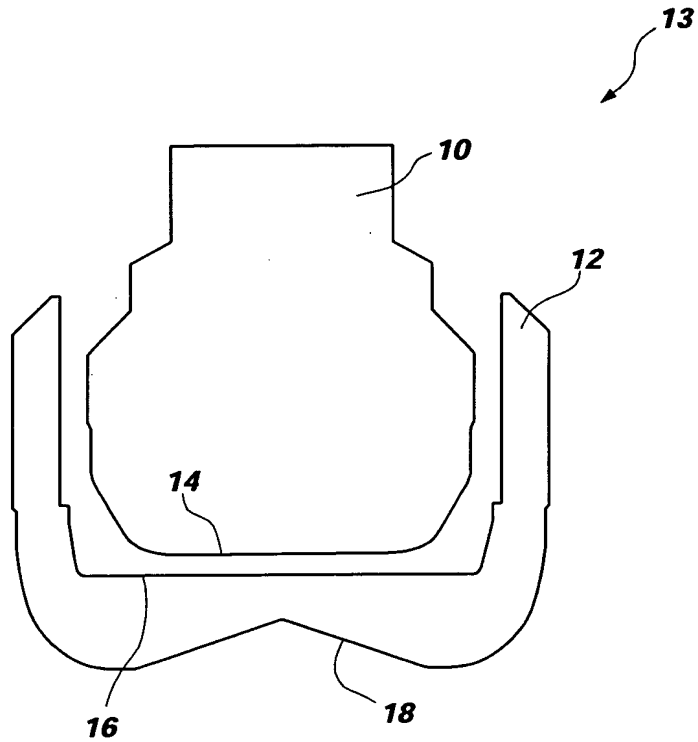


FIG. 2C

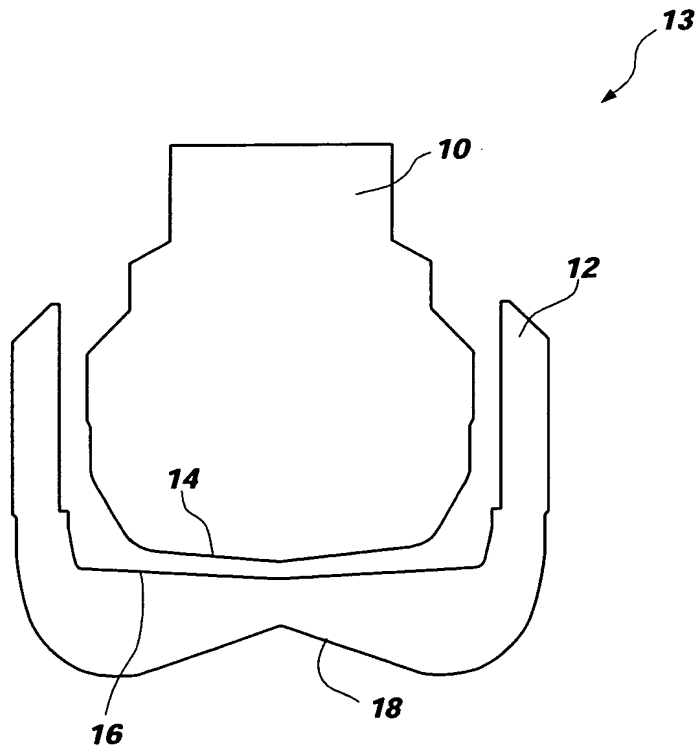


FIG. 2D

TITLE: CASING AND LINER DRILLING BITS, CUTTING
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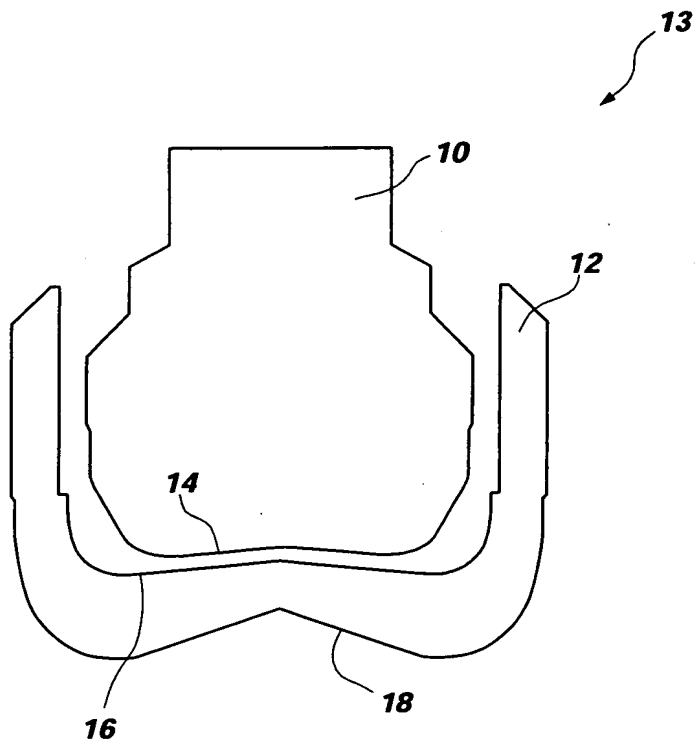


FIG. 2E

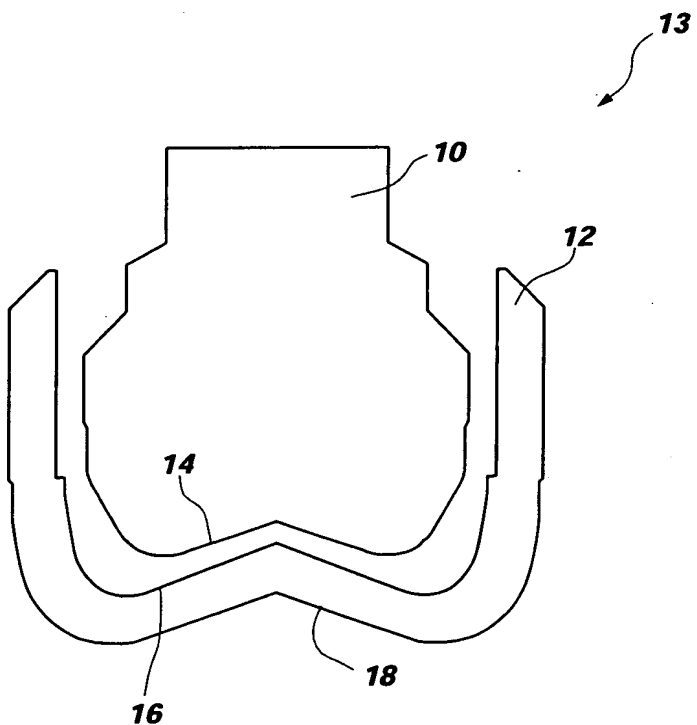


FIG. 2F

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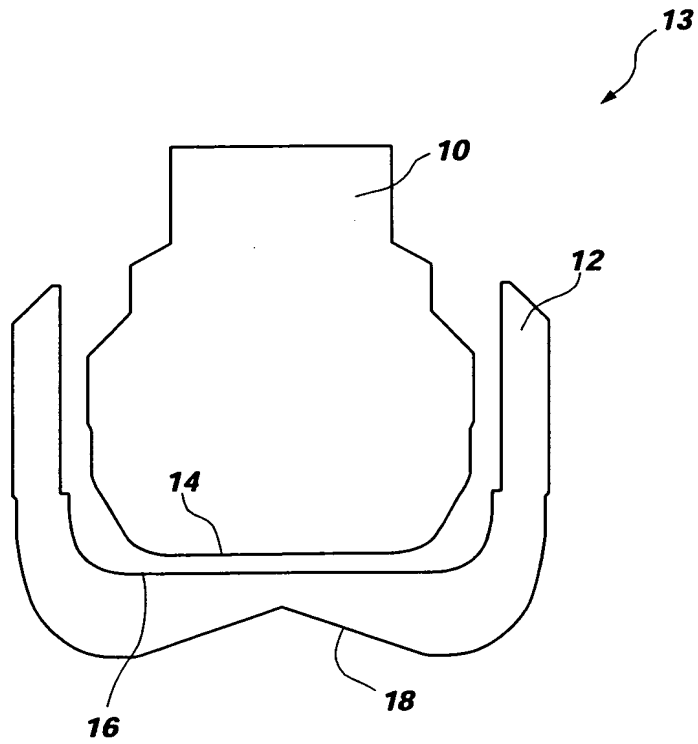


FIG. 2G

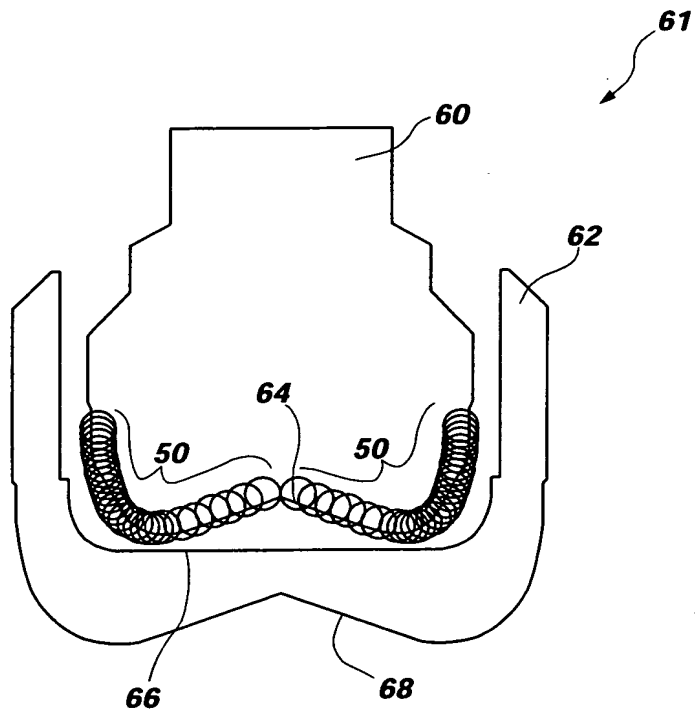
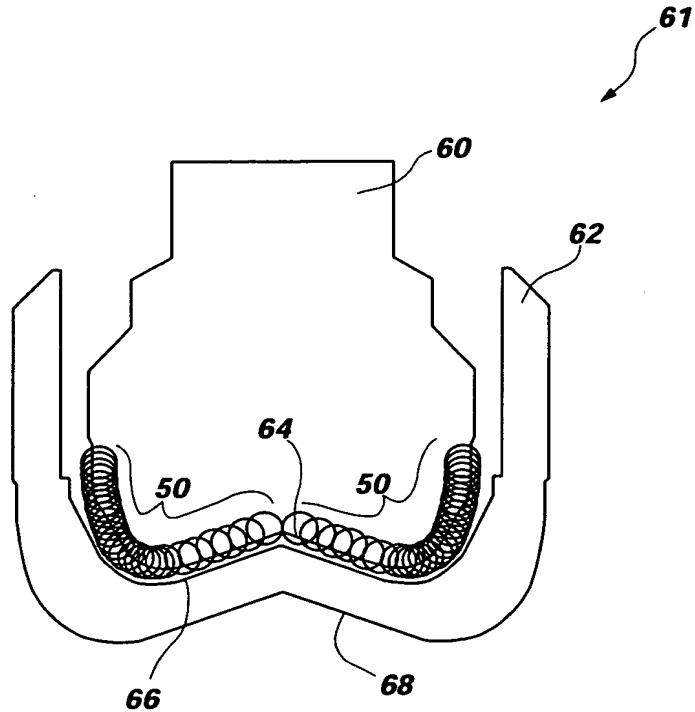
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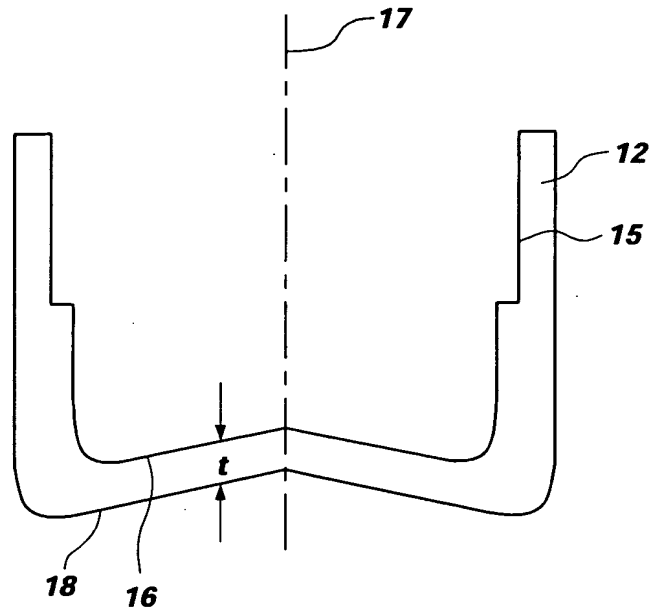


FIG. 4A

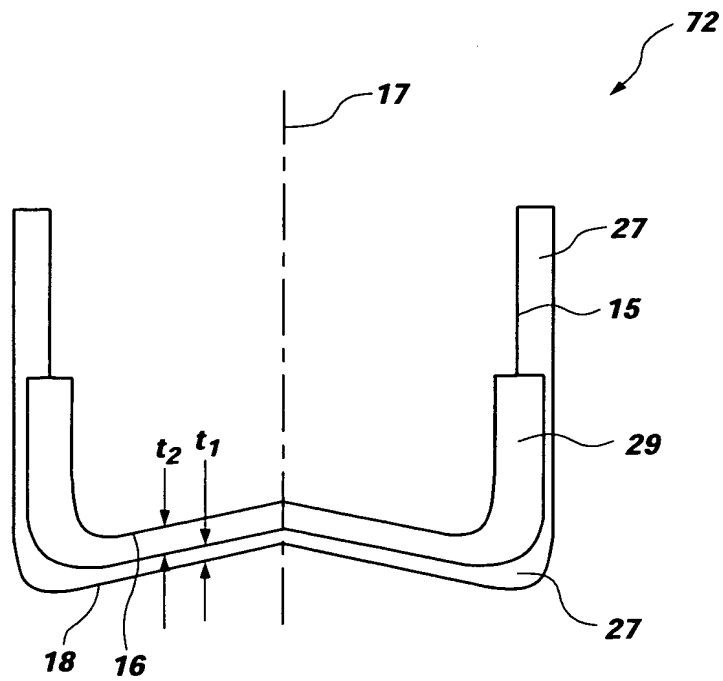


FIG. 4B

TITLE: CASING AND LINER DRILLING BITS, CUTTING
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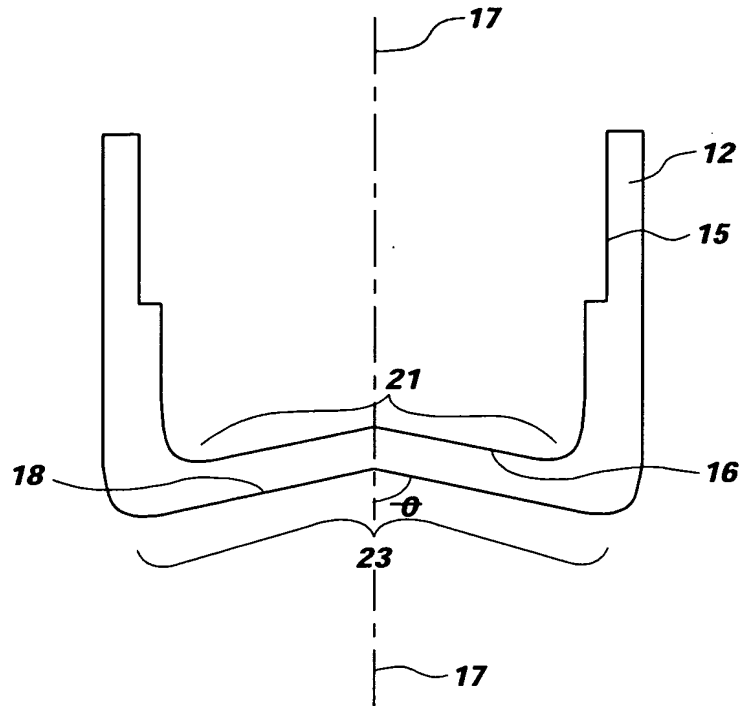


FIG. 5

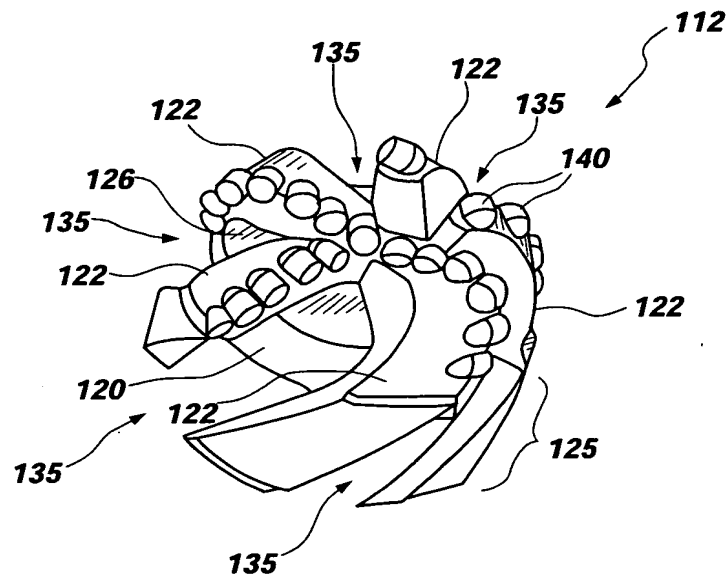


FIG. 6A

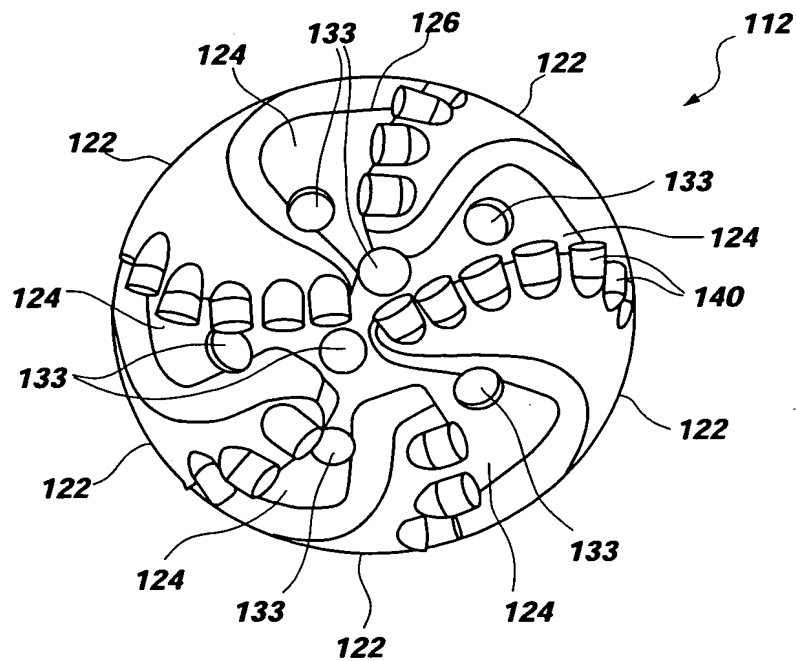


FIG. 6B



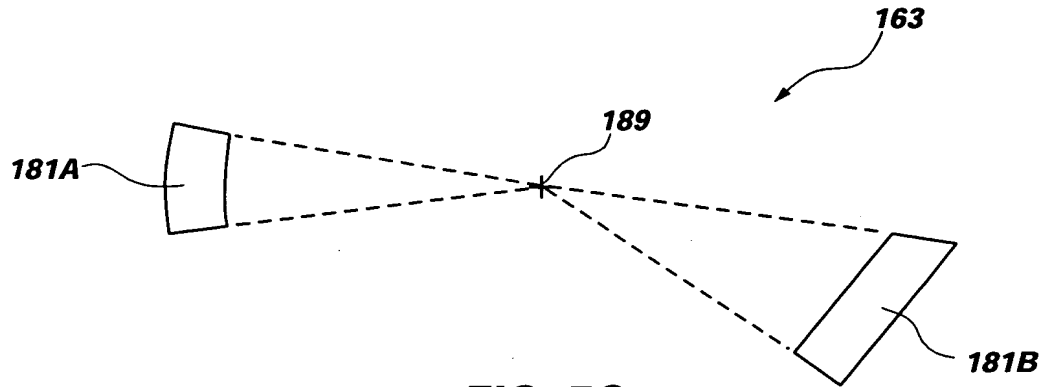


FIG. 7C

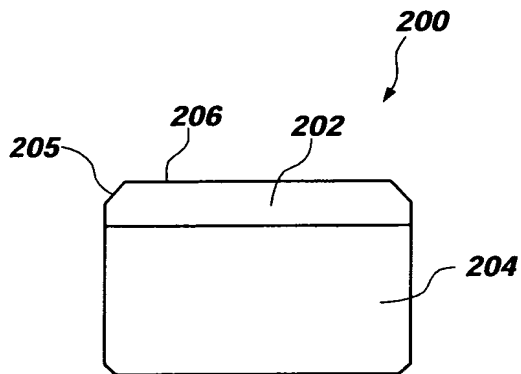


FIG. 8A

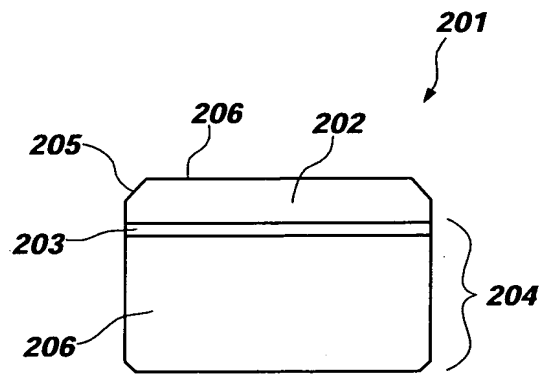


FIG. 8B

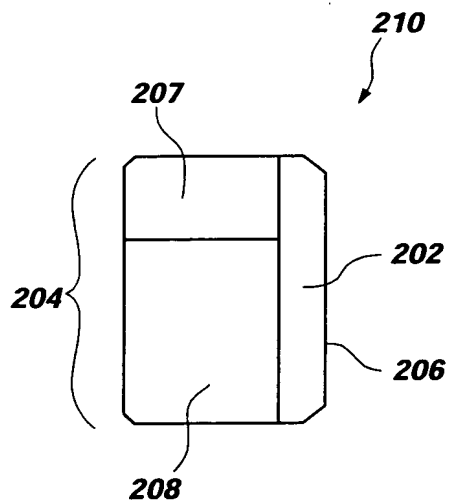


FIG. 8C

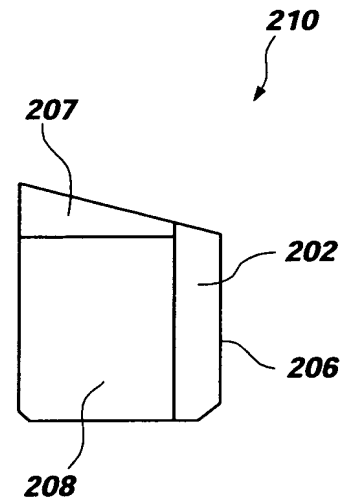


FIG. 8D

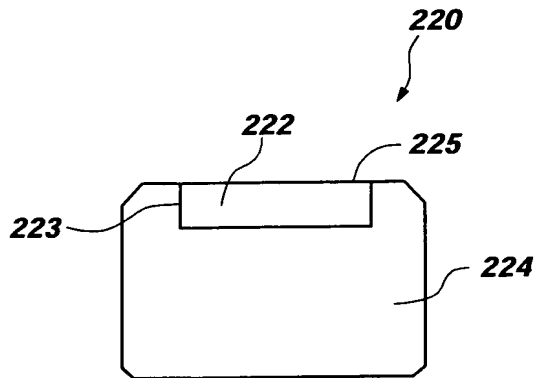


FIG. 9A

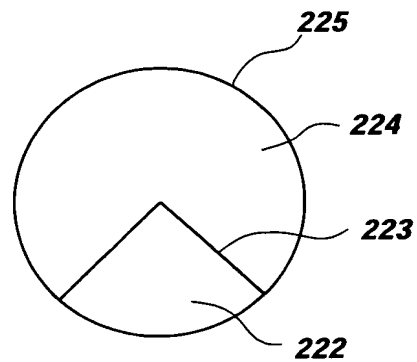


FIG. 9B

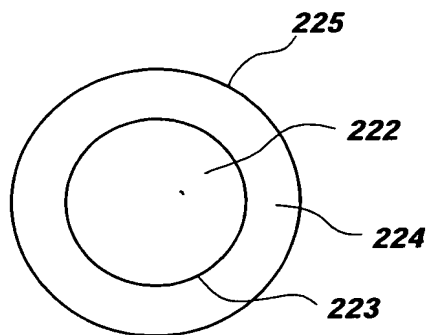


FIG. 9C

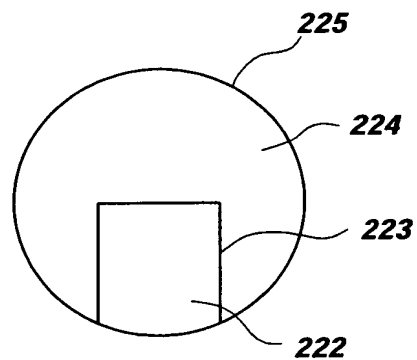


FIG. 9D

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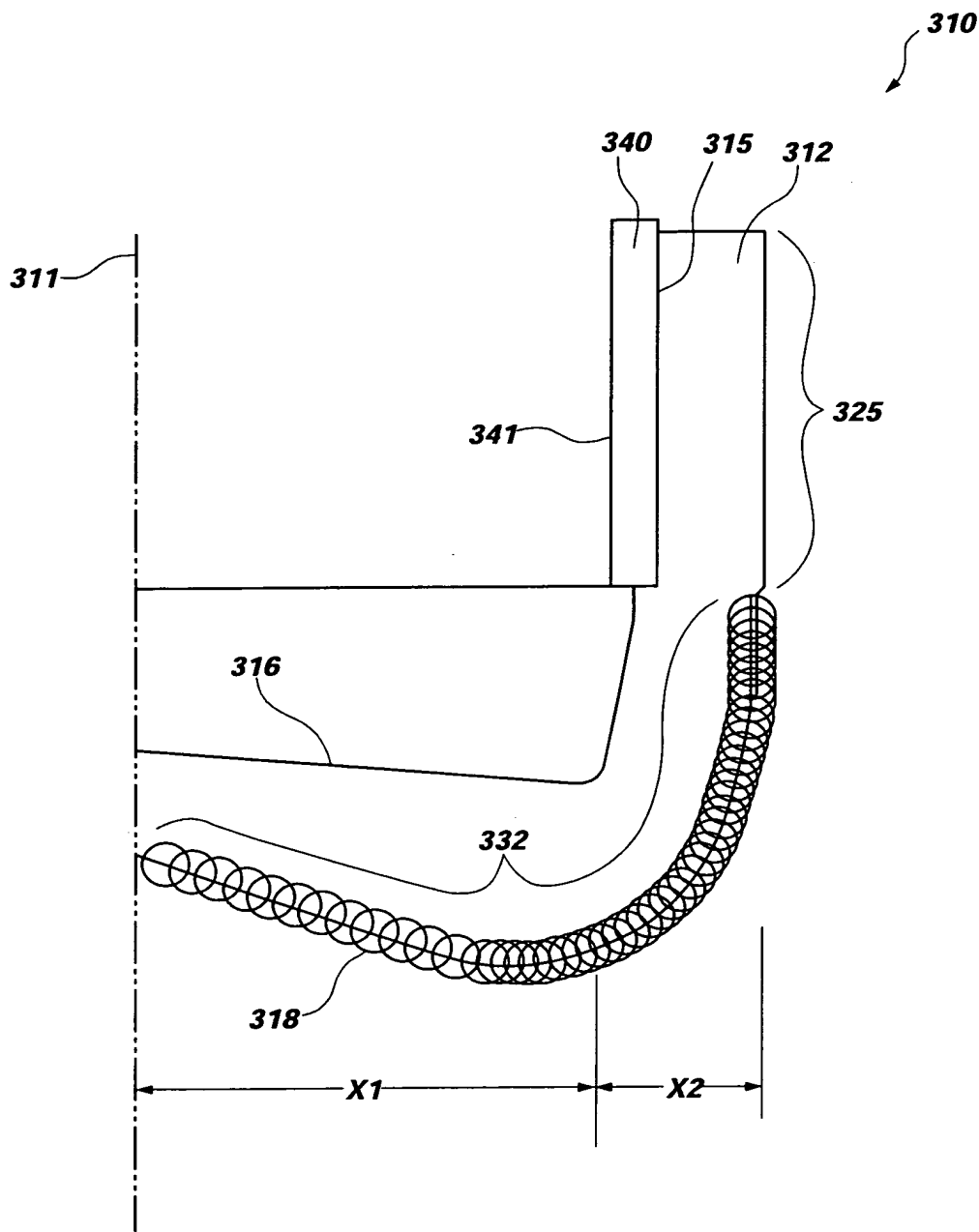


FIG. 10A

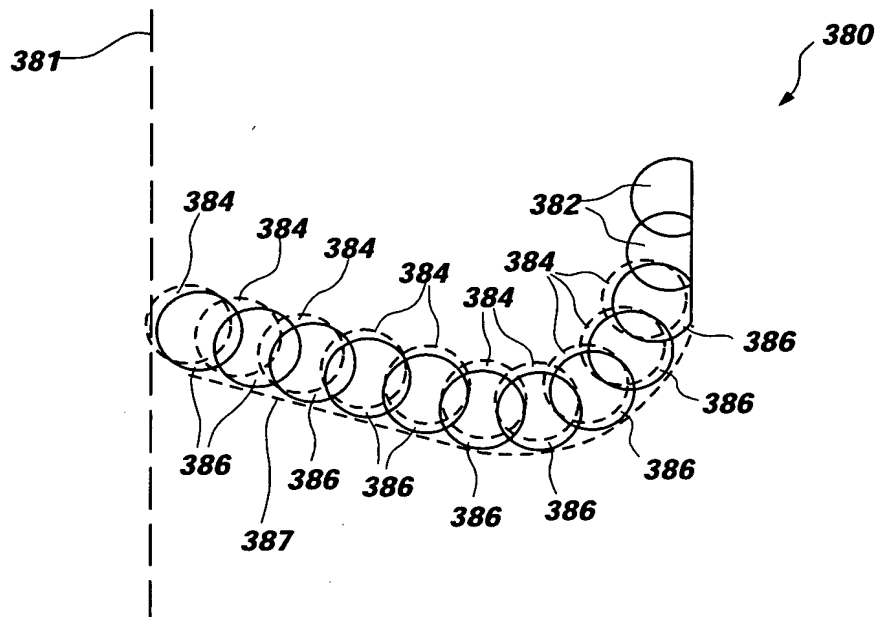


FIG. 10B

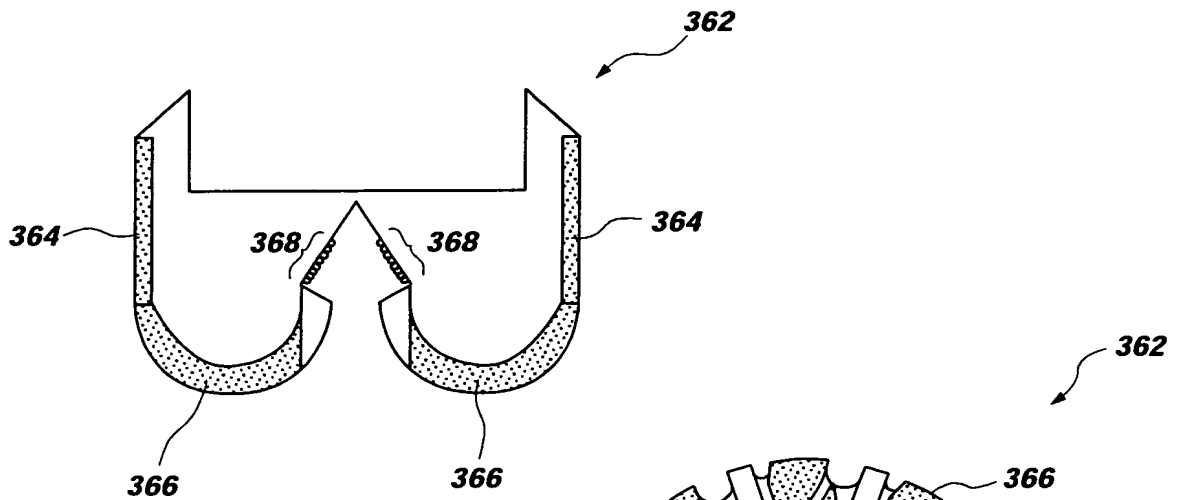


FIG. 11A

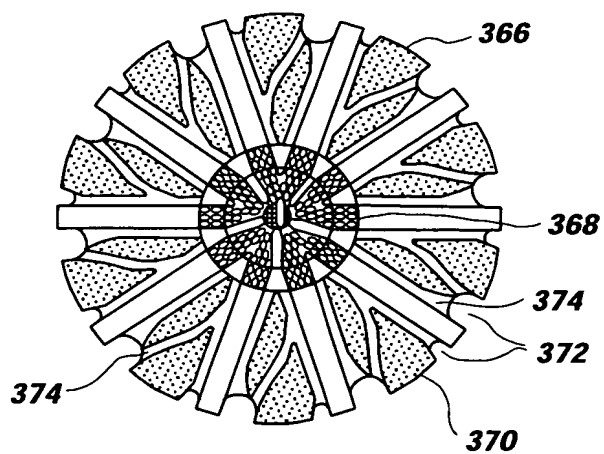


FIG. 11B



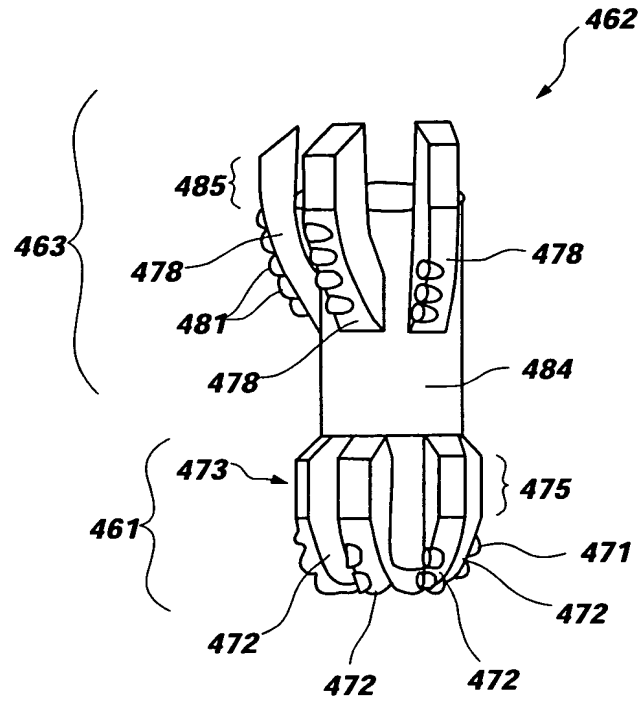


FIG. 13A

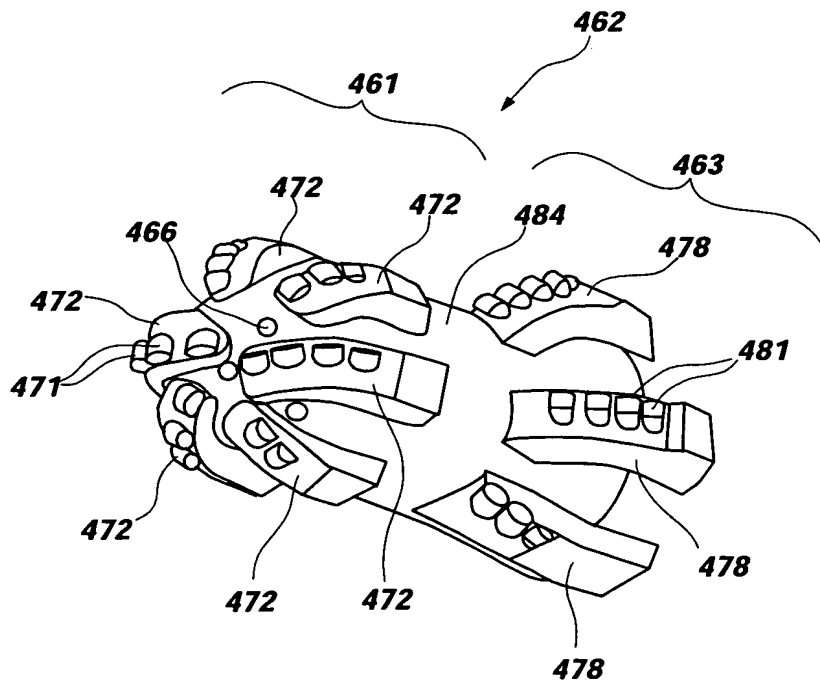


FIG. 13B

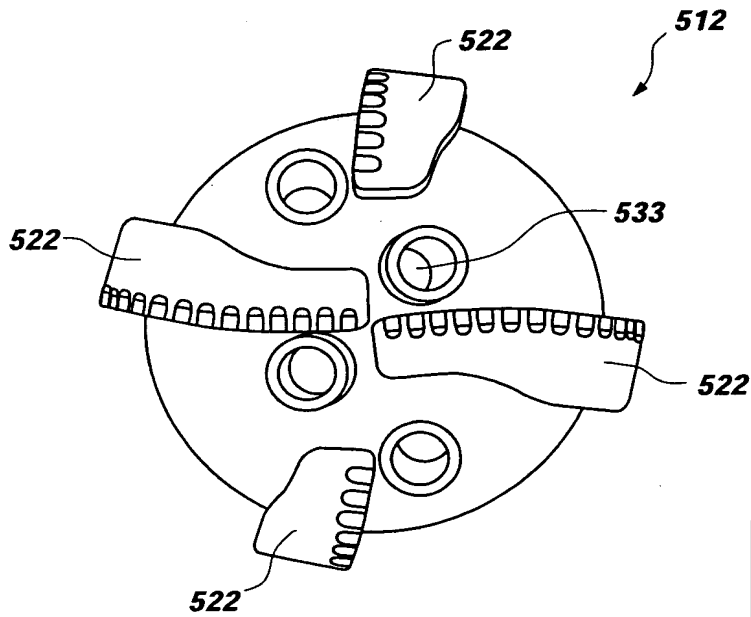


FIG. 14A

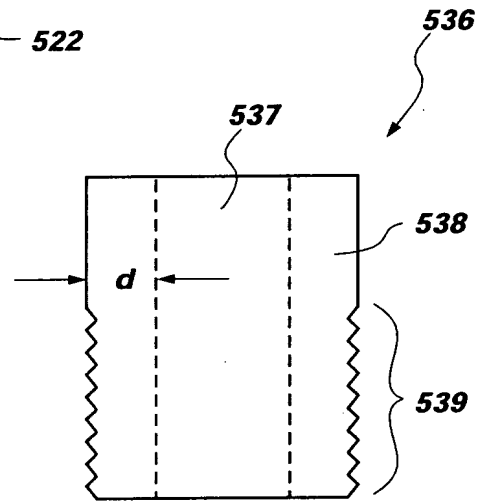


FIG. 14C

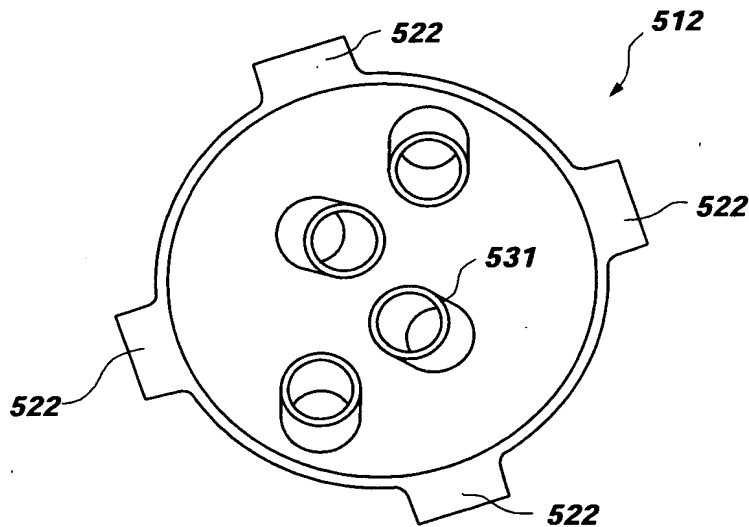


FIG. 14B

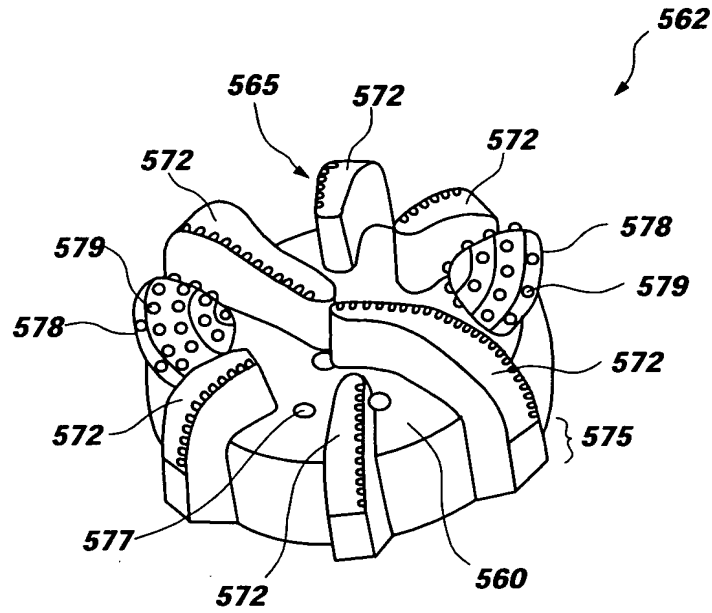


FIG. 15A

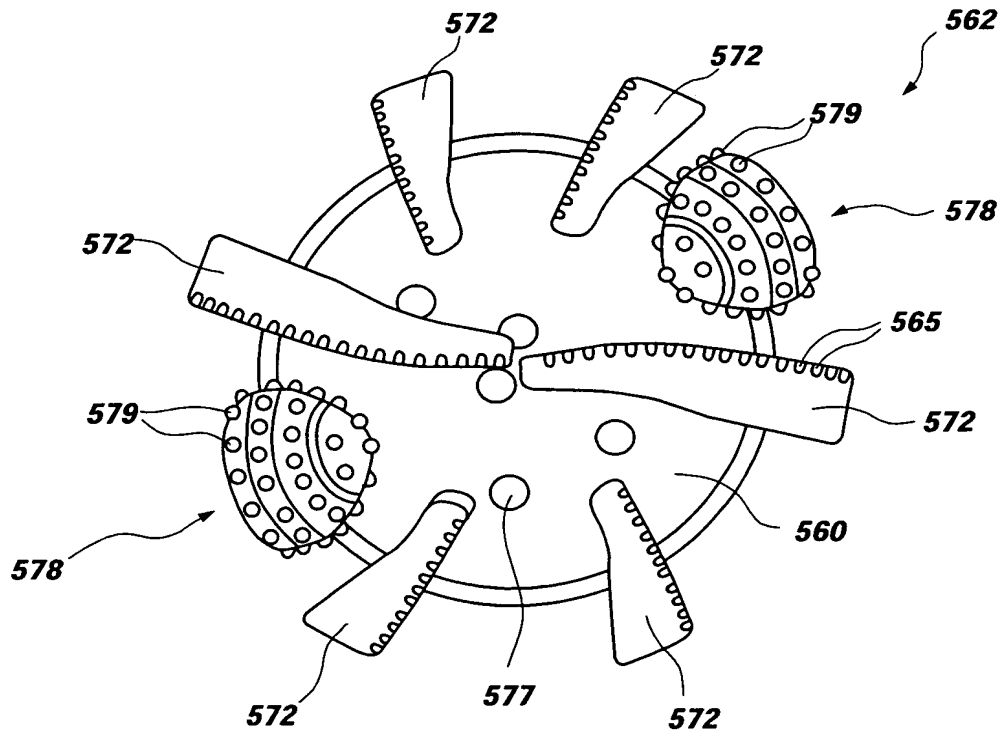


FIG. 15B

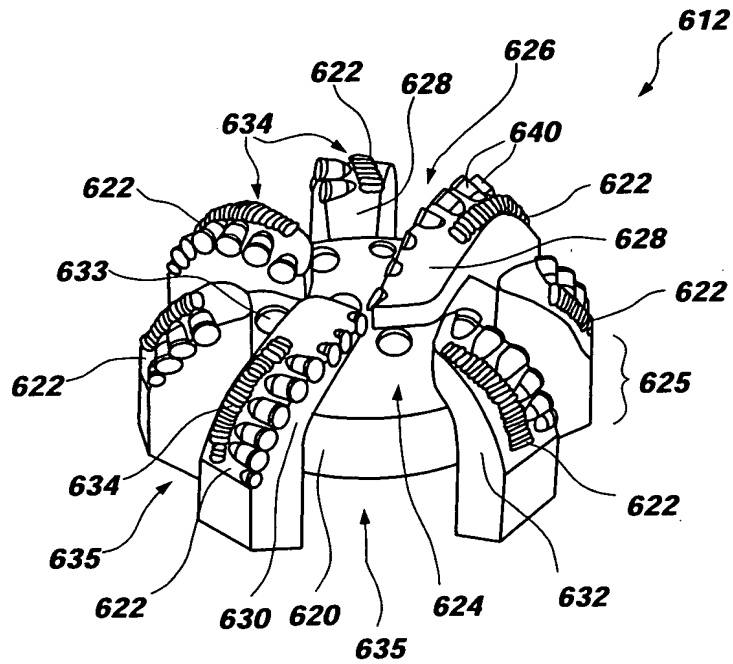


FIG. 16

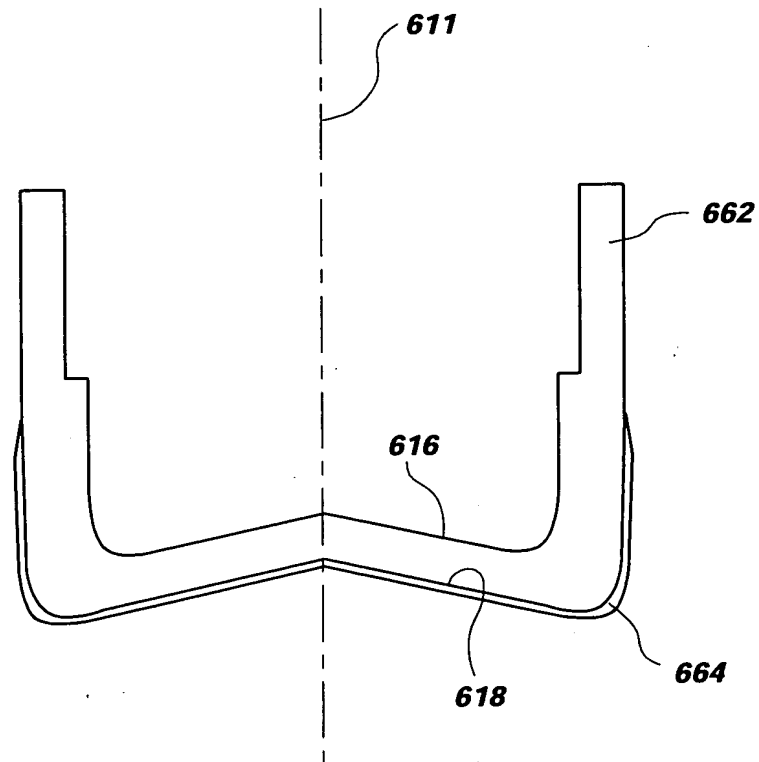


FIG. 17

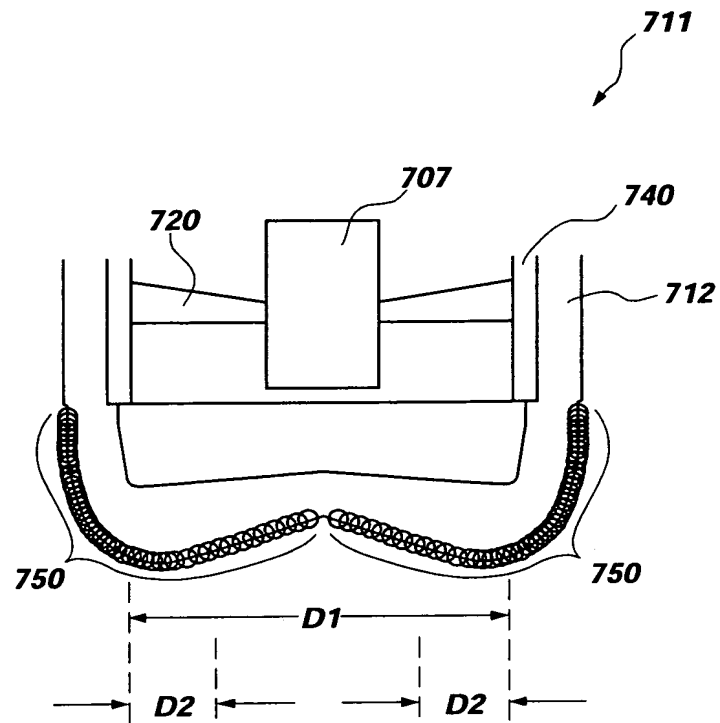


FIG. 18



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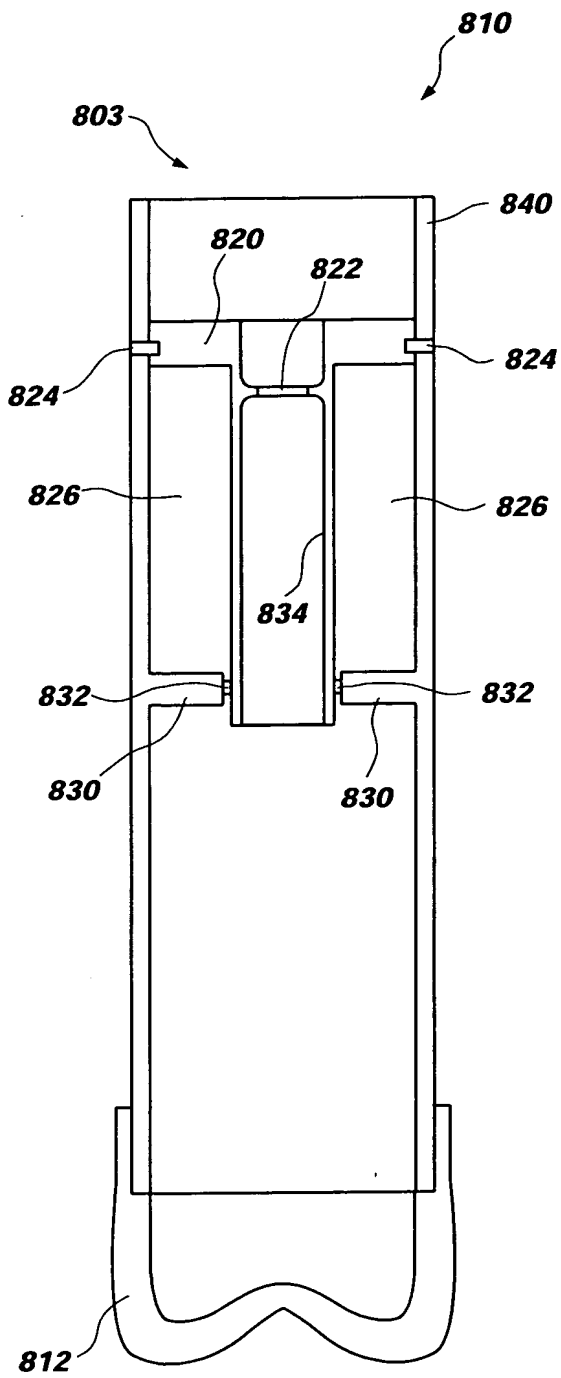


FIG. 20A

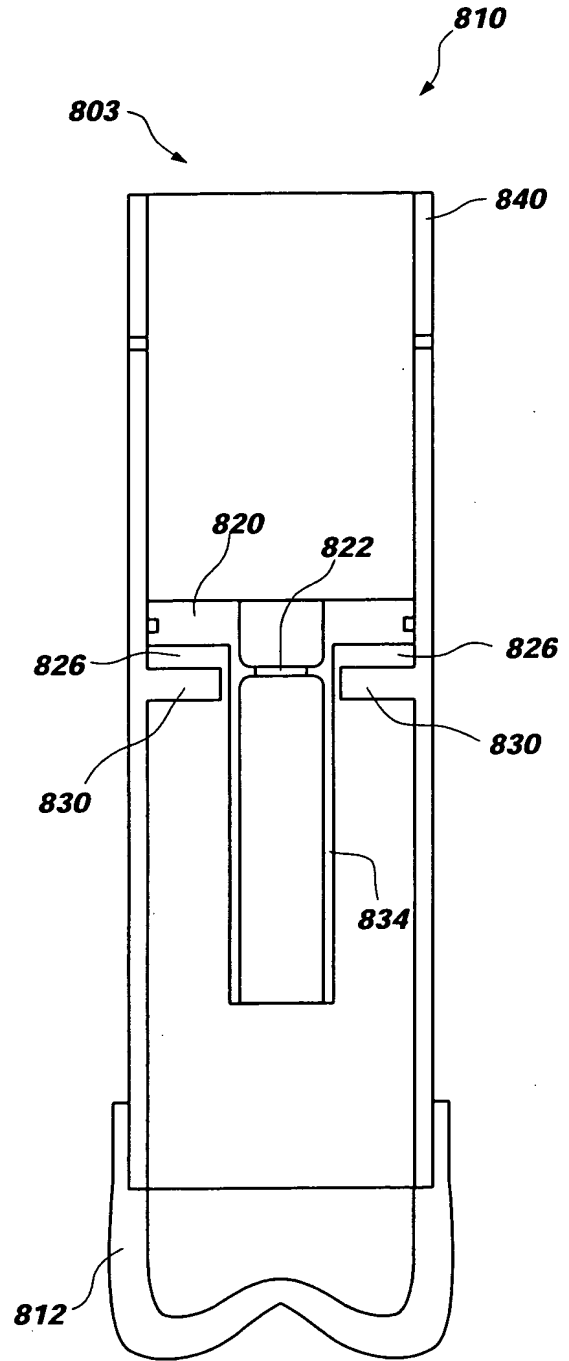


FIG. 20B

TITLE: CASING AND LINER DRILLING BITS, CUTTING
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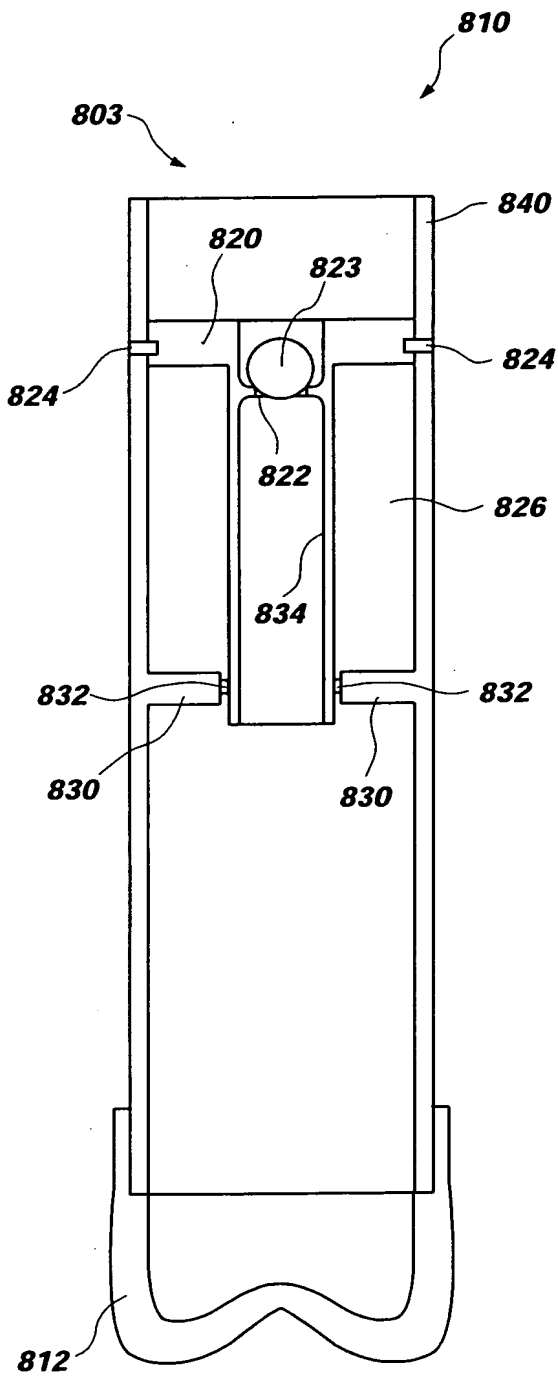


FIG. 20C

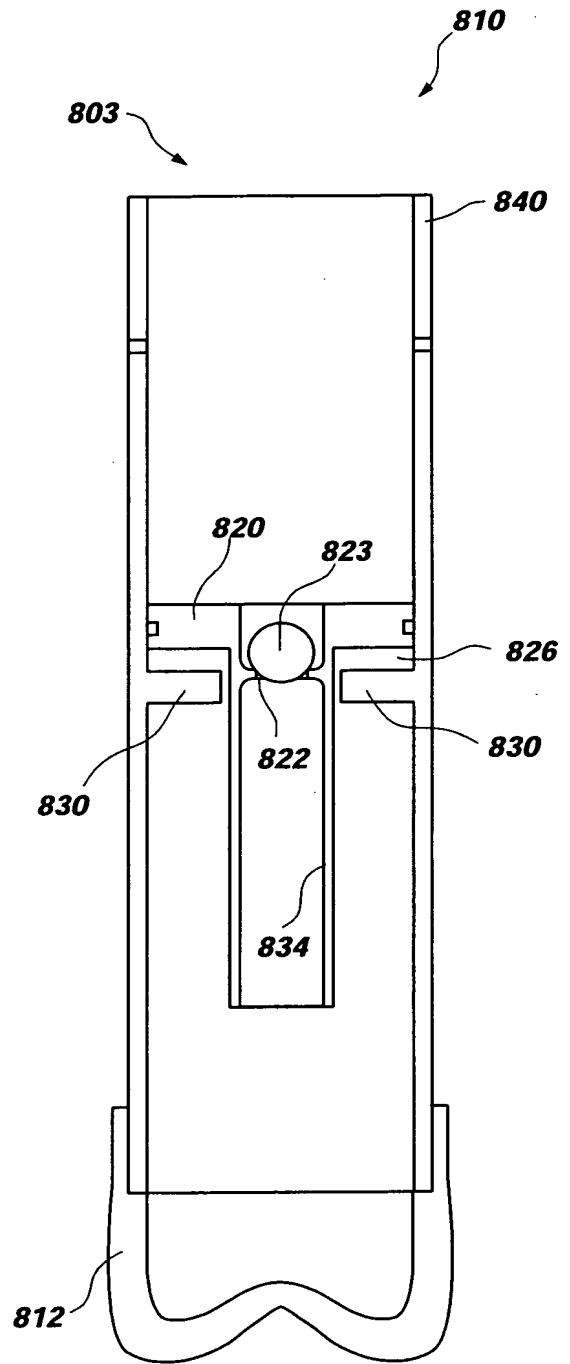


FIG. 20D

TITLE: CASING AND LINER DRILLING BITS, CUTTING
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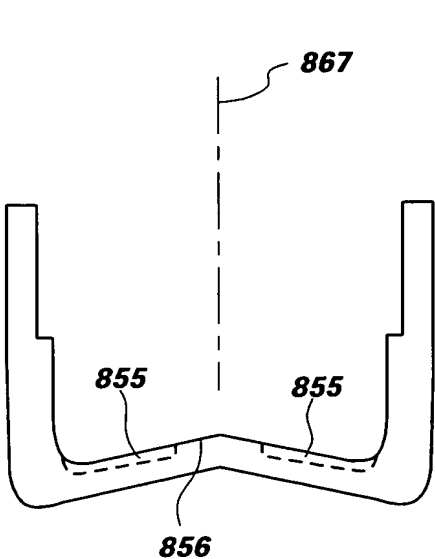


FIG. 21A

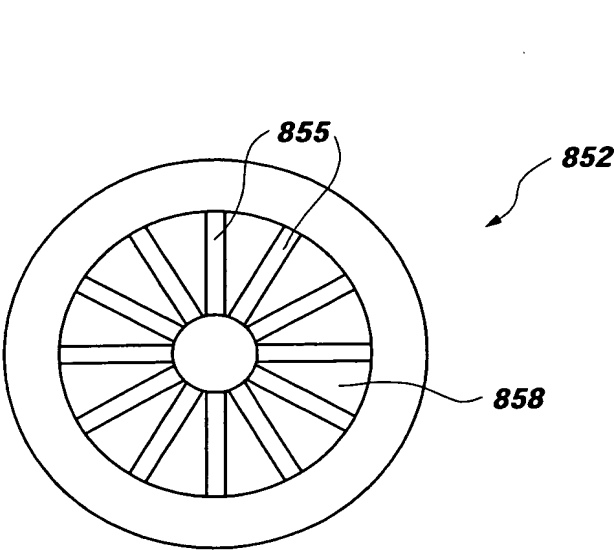


FIG. 21B

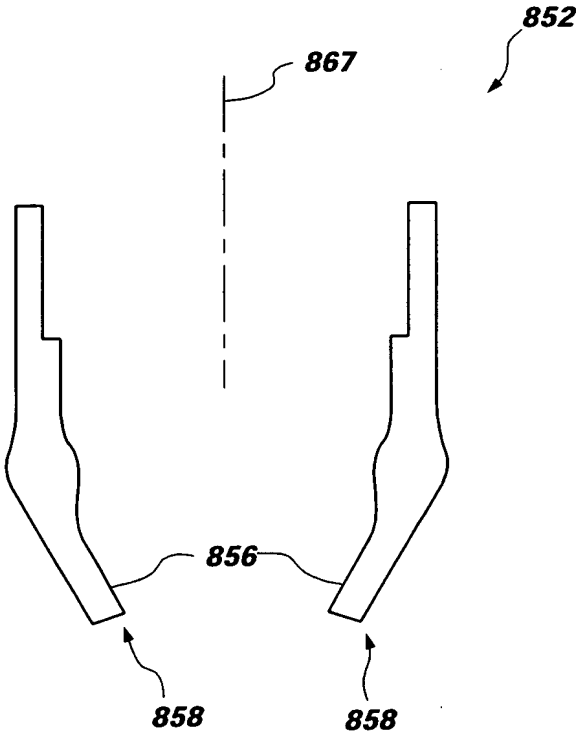


FIG. 21C

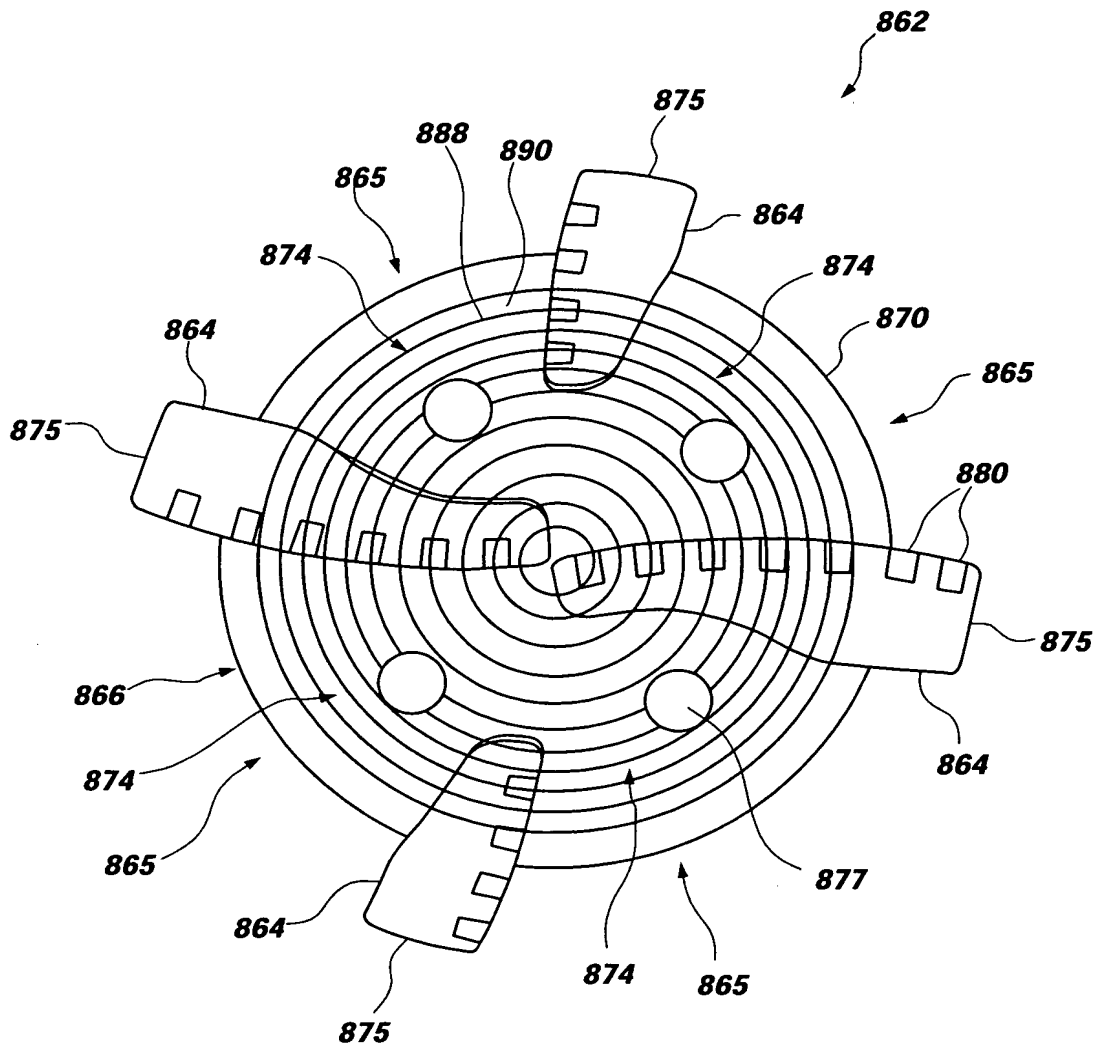


FIG. 21D

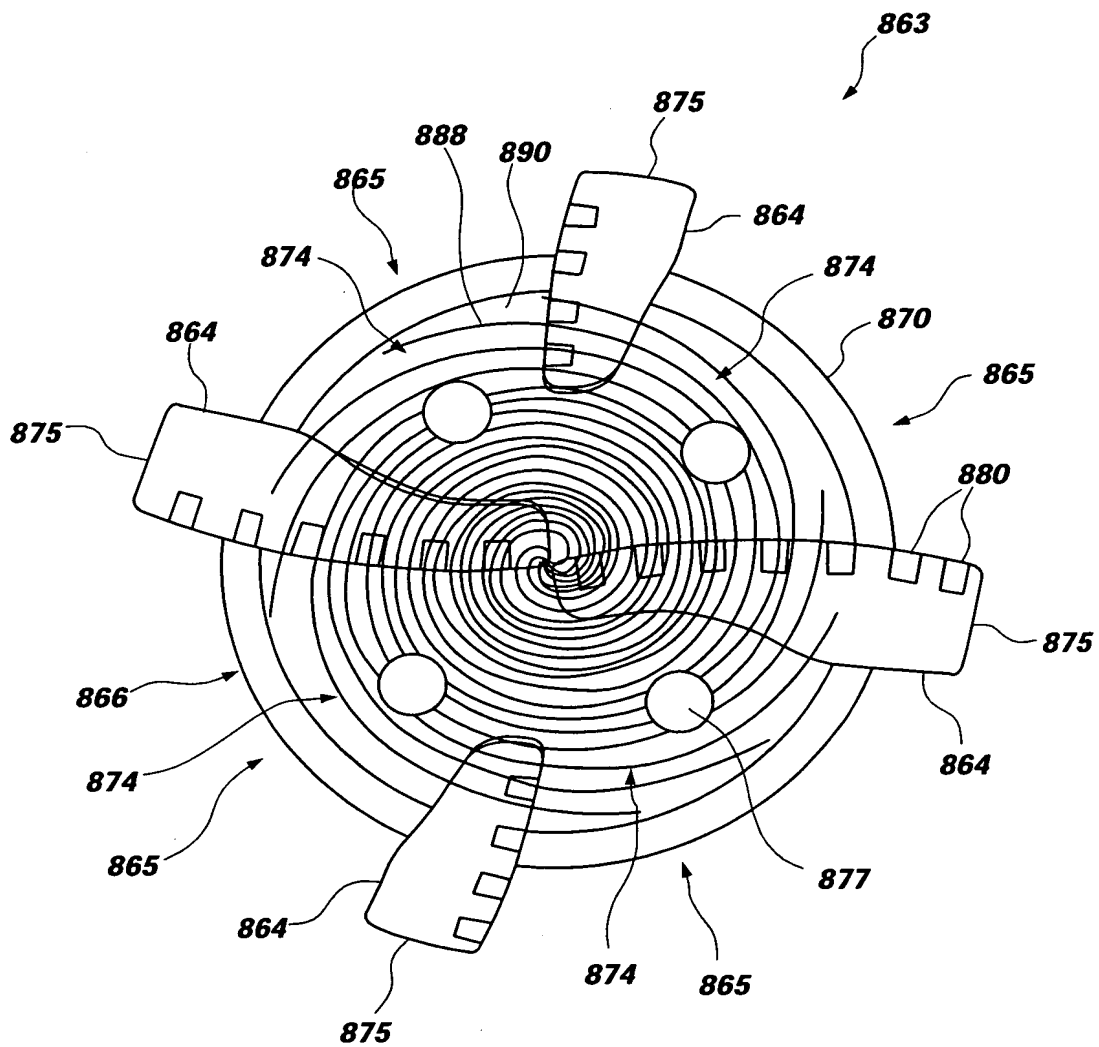


FIG. 21E

TITLE: CASING AND LINER DRILLING BITS, CUTTING
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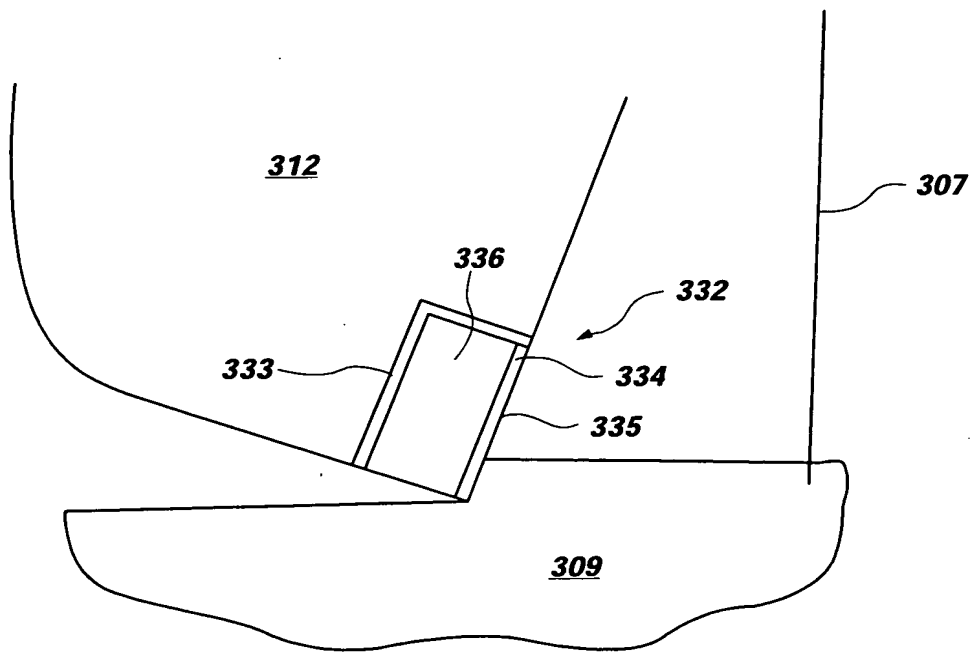


FIG. 22A

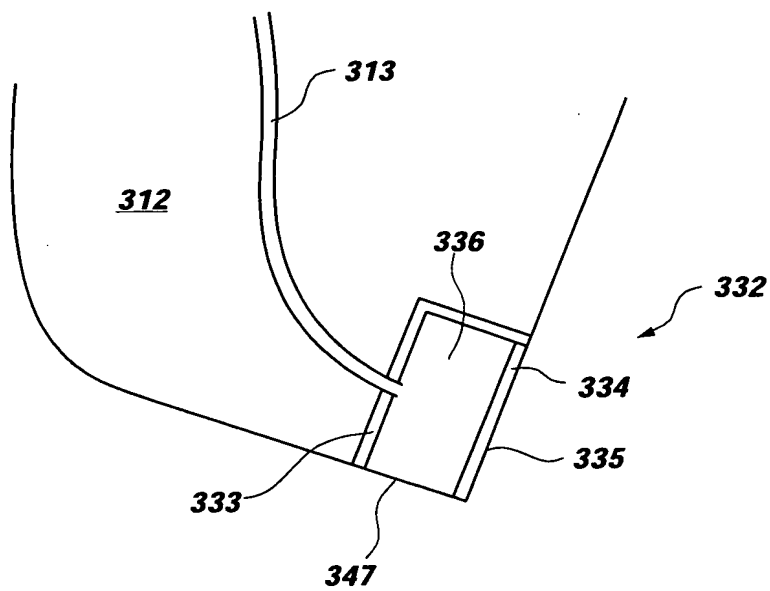


FIG. 22B



FIG. 22C

TITLE: CASING AND LINER DRILLING BITS, CUTTING
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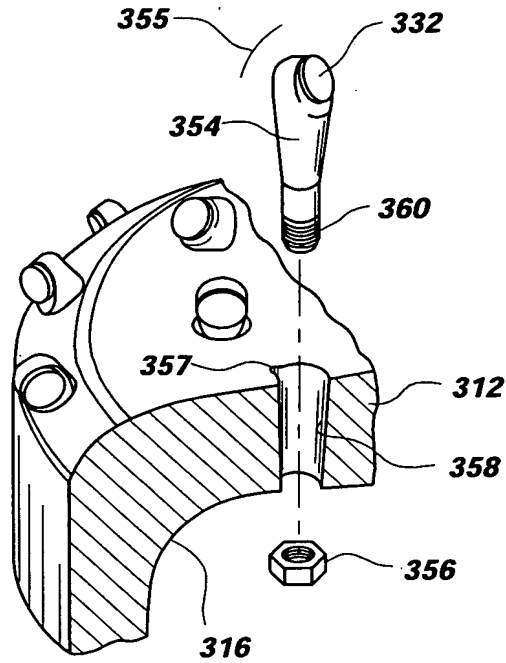


FIG. 22D

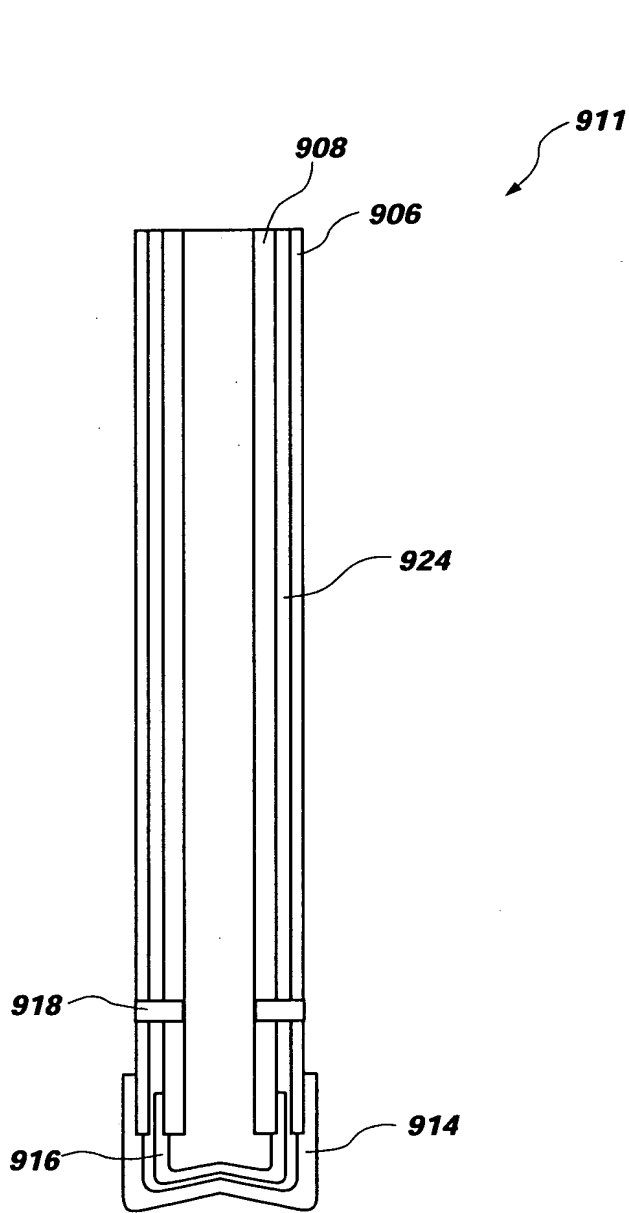


FIG. 23A

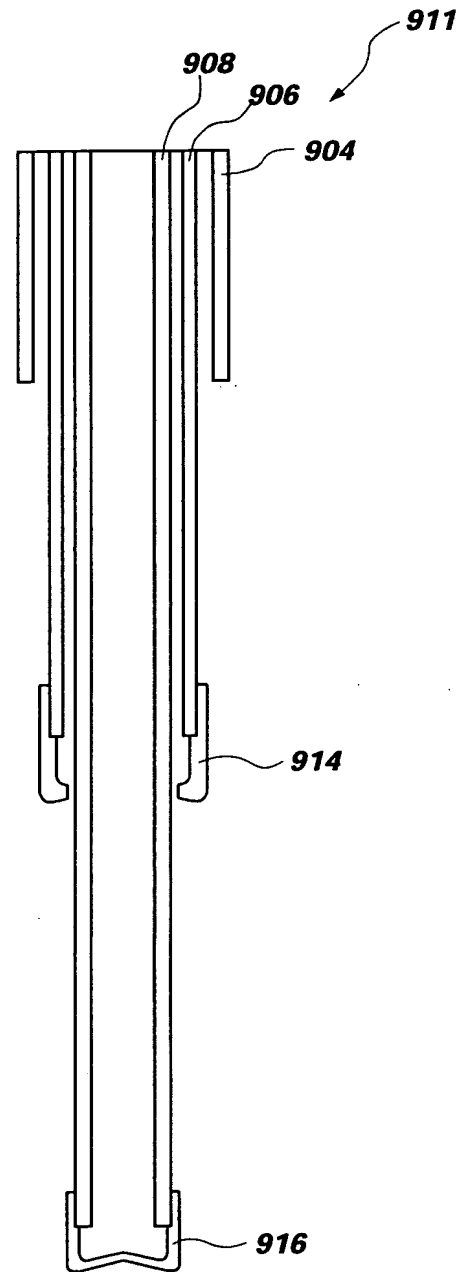


FIG. 23B



TITLE: CASING AND LINER DRILLING BITS, CUTTING
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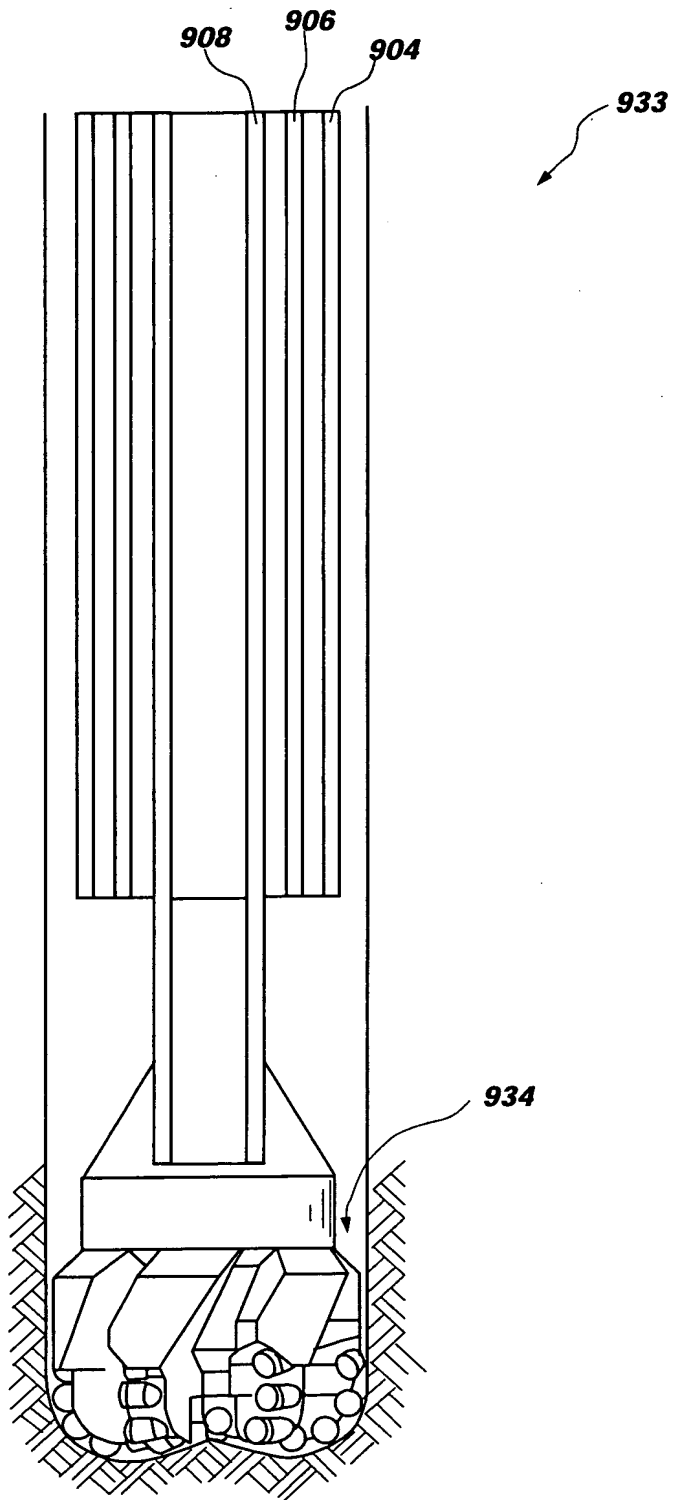


FIG. 23C

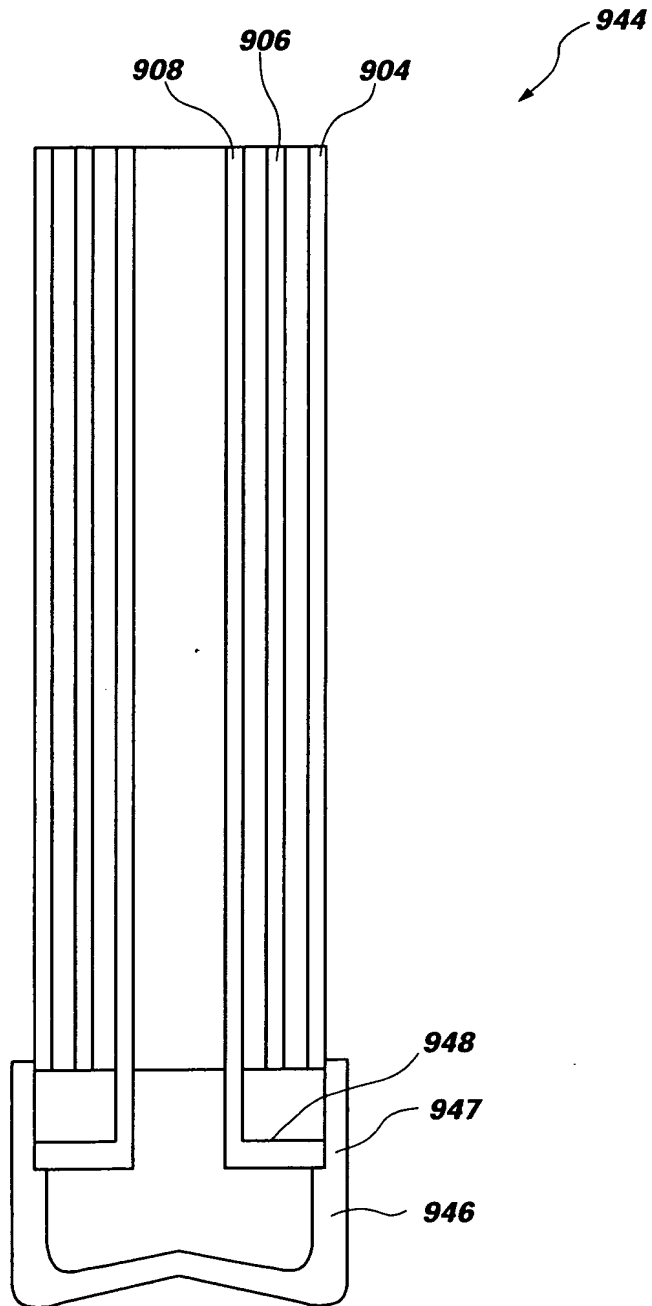


FIG. 23D



FIG. 24

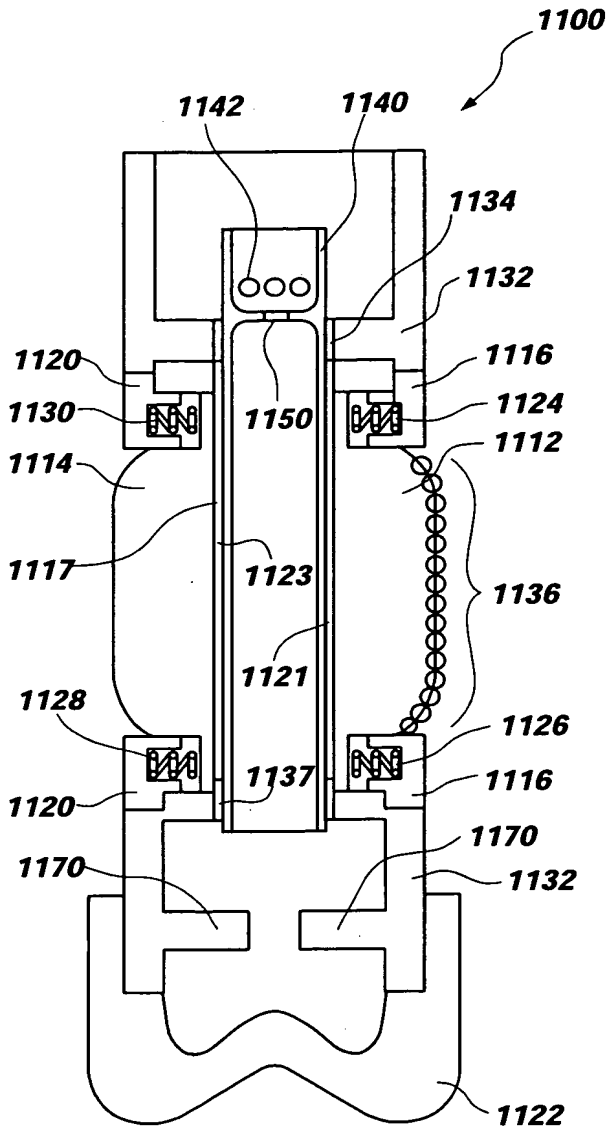


FIG. 25A

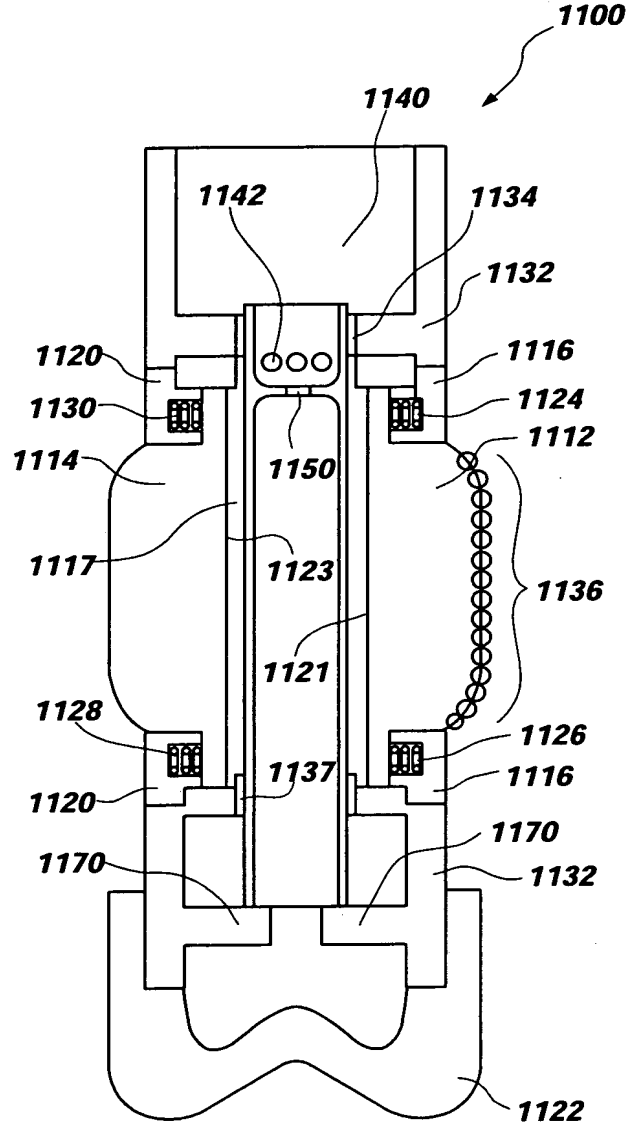


FIG. 25B

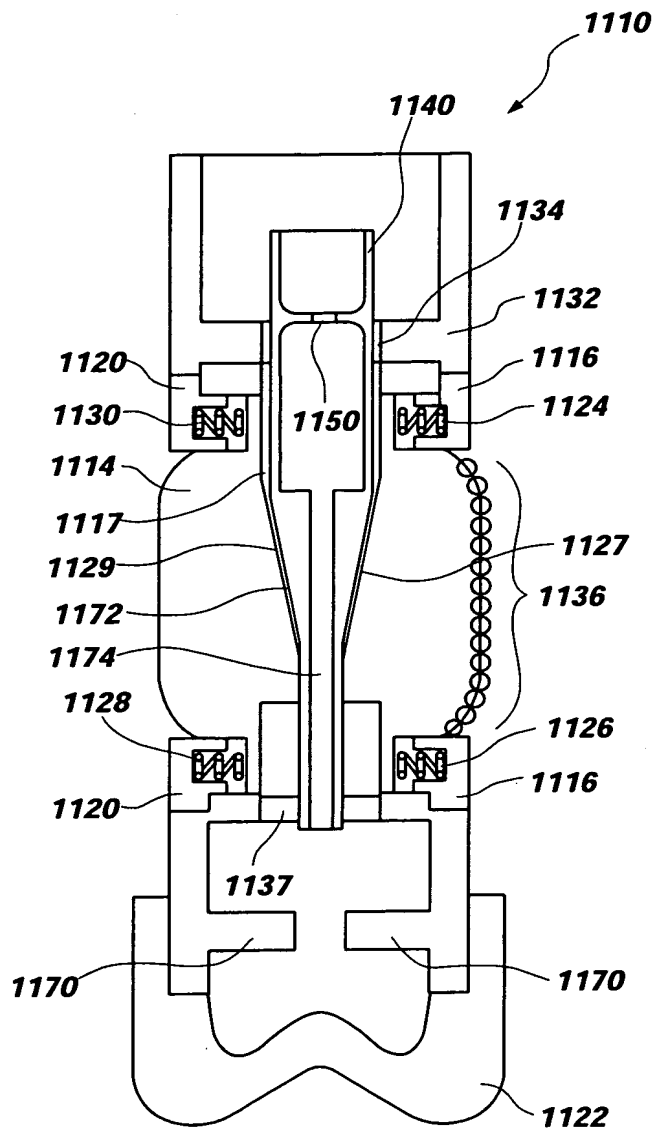


FIG. 25C

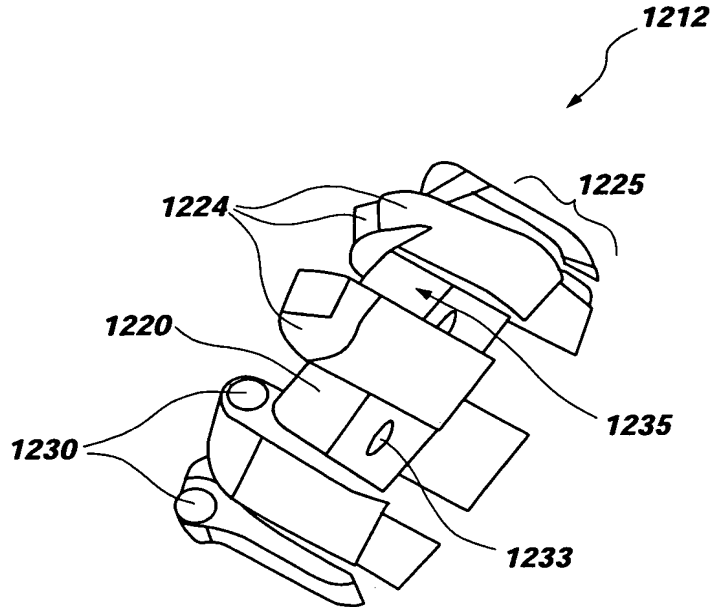


FIG. 26A

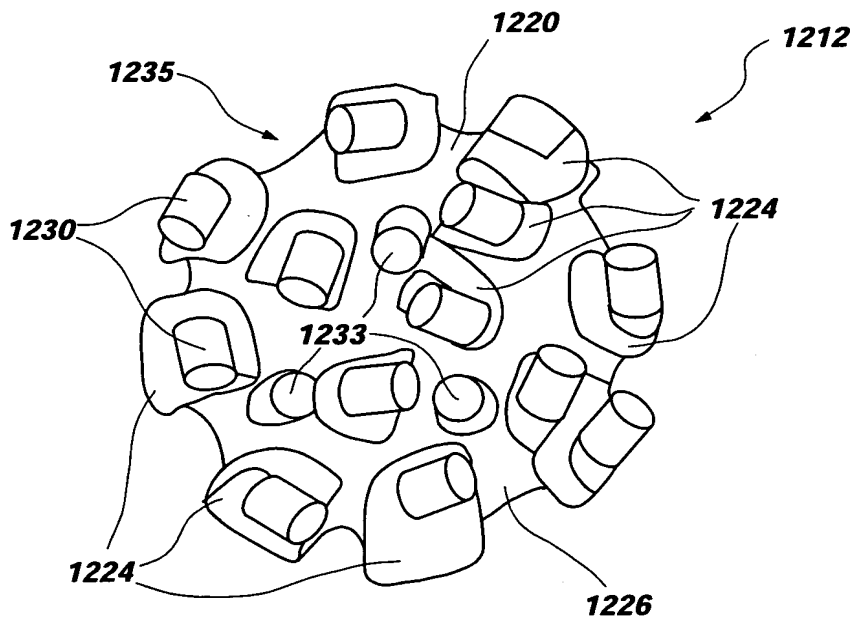
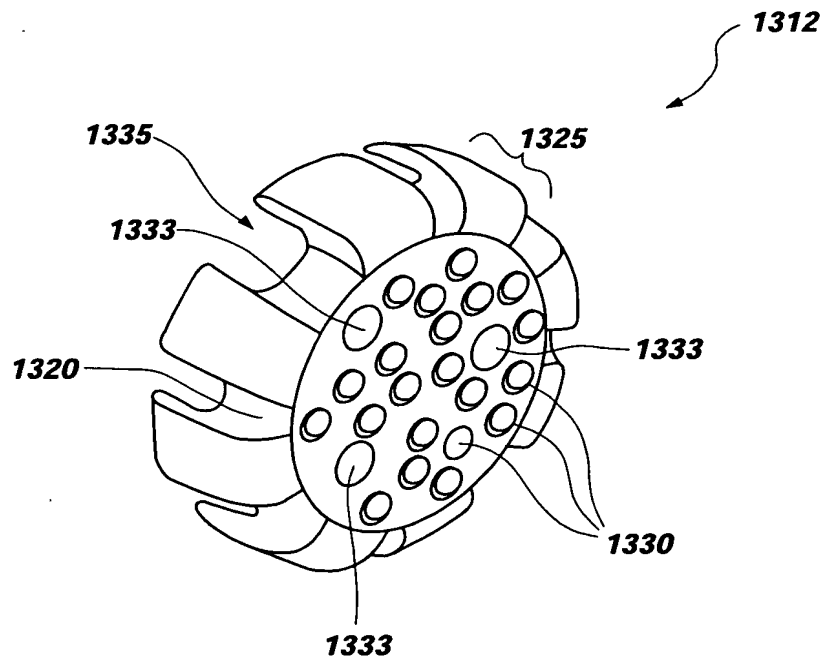
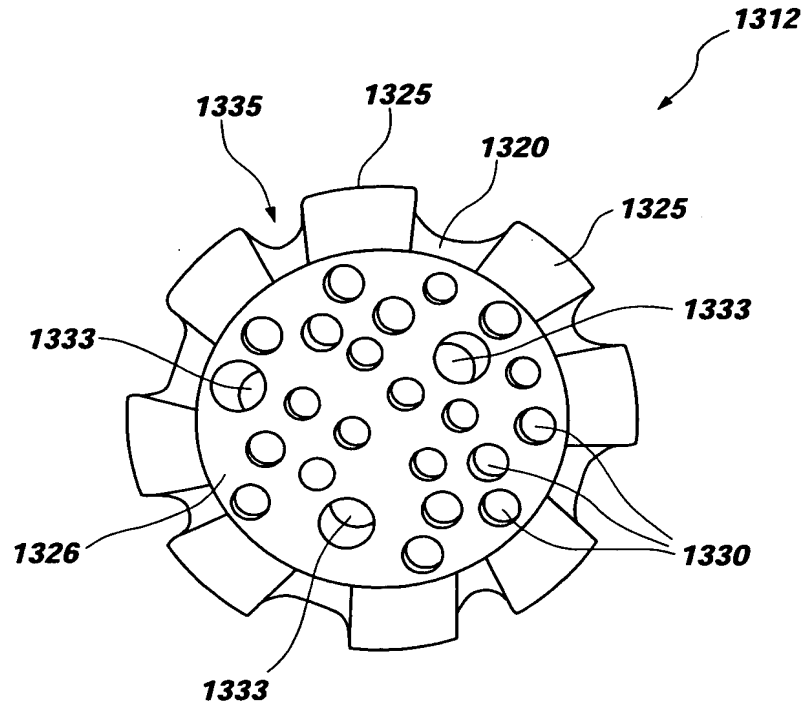


FIG. 26B



TITLE: CASING AND LINER DRILLING BITS, CUTTING
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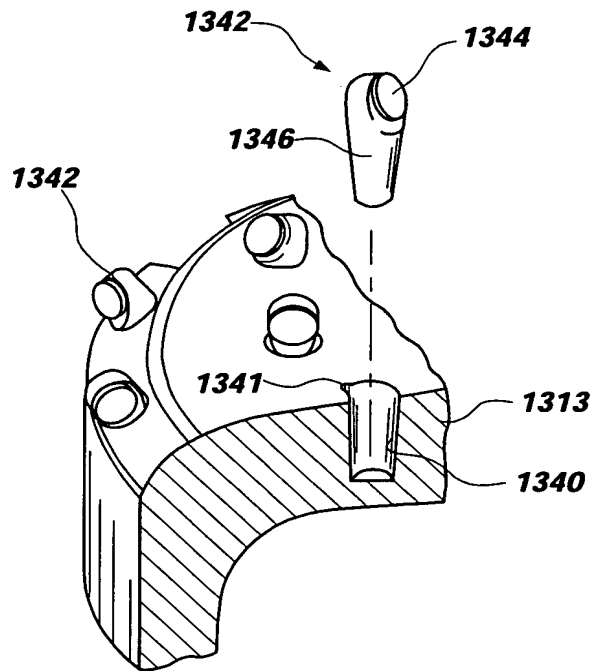


FIG. 27C